CATALOGUE

OF

BOWDOIN COLLEGE

AND THE

MEDICAL SCHOOL OF MAINE

1898-99

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BRUNSWICK
1898

BOWDOIN COLLEGE was incorporated by the General Court of Massachusetts, upon the joint petition of the Association of Ministers and the Court of Sessions of Cumberland County. The act of incorporation was signed by Governor Samuel Adams, June 24, 1794.

The College was named in honor of JAMES BOWDOIN, a graduate of Harvard in 1745, a delegate to the first Congress in Philadelphia, the President of the Convention which adopted the Constitution of Massachusetts, and subsequently Governor of the State. In addition to his civil honors, he was a member of various foreign societies, the first President of the American Academy of Arts and Sciences, and a valued friend and correspondent of Benjamin Franklin.

The earliest patron of the College was the Hon. James Bowdoin, son of the Governor. He was graduated at Harvard College in 1771, and subsequently studied at the University of Oxford. In President Jefferson's administration he was appointed successively Minister Plenipotentiary to the Court of Spain and Associate Minister to the Court of France. During his residence abroad he accumulated a valuable library, a collection of paintings and drawings by old and modern masters, a cabinet of minerals and fossils, together with models of crystallography, all of which he bequeathed to the College. During his life-time he gave land, money, and apparatus to the College, and at his death it became, by will, his residuary legatee.

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Natural Science.

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Professor of the Greek Language and Literature, and Collins Professor of
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Professor of Diseases of Children.

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Professor of Mathematics.

JOHN FRANKLIN THOMPSON, A.M., M.D.,

Professor of Diseases of Women.

CHARLES CLIFFORD HUTCHINS, A.M.,

Professor of Physics.

WILLIS BRYANT MOULTON, M.D.,

Clinical Professor of Diseases of Eye and Ear.

FRANK NATHANIEL WHITTIER, A.M., M.D.,
Director of the Gymnasium, Lecturer on Hygiene, and Demonstrator
of Bacteriology and Pathological Histology.

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Professor of German.

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Professor of History and Political Science.

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Edward Little Professor of Rhetoric and Oratory.

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Professor of Political Economy and Sociology.

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Instructor in Ancient Languages.

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Instructor in Drawing.

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Demonstrator of Anatomy.

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Assistant in Surgery.

EDWARD JAMES McDONOUGH, A.B., M.D.,
Demonstrator of Histology.

CASSIUS CLAUDIUS WILLIAMSON, A.B.,
Assistant in Chemistry.

JOSEPH ERNEST ODIORNE, A.B.,
Assistant in Biology.

CLARENCE FAIRBANKS KENDALL, A.B.,
Assistant in German.

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SENIOR CLASS.

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Winburn Bowdoin Adams,	*Limerick,*	11 Potter St.
Fred Houdlett Albee,	*Head Tide,*	28 M. H.
Francis Wayland Briggs,	*Pittsfield,*	12 A. H.
Walter Littlefield Came,	*Alfred,*	16 M. H.
Edward Blanchard Chamberlain,	*Bristol,*	5 A. H.
Preston Banks Churchill,	*Winthrop, Mass.,*	17 W. H.
Walter Bradley Clarke,	*Damariscotta Mills,*	31 M. H.
Lincoln Lewis Cleaves,	*Bridgton,*	27 A. H.
Royal Senter Cleaves,	*Bridgton,*	27 A. H.
Harold Fessenden Dana,	*Portland,*	11 M. H.
Frank Leslie Dutton,	*North Anson,*	28 W. H.
Frederick Arthur Fogg,	*Saco,*	14 M. H.
Edward Rawson Godfrey,	*Bangor,*	8 A. H.
Ralph Milo Greenlaw,	*Gorham, N. H.,*	28 A. H.
Edwin Samuel Hadlock,	*Portland,*	28 W. H.
Drew Bert Hall,	*Brunswick,*	21 Pleasant St.
Philip Choate Haskell,	*Westbrook,*	29 A. H.

Alton Amaziah Hayden,	*Presque Isle,*	3 Noble St.
Louis Lenville Hills,	*Welsh, La.,*	2 A. H.
Loton Drew Jennings,	*North Wayne,*	6 M. H.
Edgar Alonzo Kaharl,	*Fryeburg,*	175 Maine St.
Walter Stimpson Mundy Kelley,	*Portland,*	10 M. H.
Henry Warren Lancey,	*Pittsfield,*	27 M. H.
Francis Lewis Lavertu,	*Berlin, N. H.,*	14 M. H.
Leon Brooks Leavitt,	*Wilton,*	14 W. H.
Lucien Percy Libby,	*Westbrook,*	32 A. H.
Willard True Libby,	*Auburn,*	10 W. H.
Fred Raymond Marsh,	*Eustis, Fla.,*	5 A. H.
Henry Edward Marston,	*North Anson,*	13 M. H.
Roy Leon Marston,	*Skowhegan,*	11 A. H.
Waldo Thomas Merrill,	*Waterville,*	25 A. H.
Willis Bean Moulton,	*Portland,*	10 M. H.
Arthur Huntington Nason,	*Augusta,*	15 A. H.
Harry Benton Neagle,	*Lubec,*	32 M. H.
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Charles Cross Phillips,	*South Brewer,*	32 W. H.
Byron Strickland Philoon,	*Auburn,*	10 W. H.

Sumner Charles Poore,	*South Bridgton,*	Elm House.
Robert Earle Randall,	*Freeport,*	30 M. H.
John Conway Rogers, Jr.,	*Pembroke,*	30 A. H.
Albert Moore Rollins,	*Calais,*	30 M. H.
Joseph Dawson Sinkinson,	*Portland,*	17 M. H.
Ralph Gardner Smith,	*Brewer,*	8 W. H.
Winford Henry Smith,	*Westbrook,*	29 A. H.
William Dennett Stockbridge,	*Freeport,*	28 A. H.
Cony Sturgis,	*Augusta,*	12 A. H.
Roy Houghton Thomas,	*Yarmouthville,*	30 W. H.
William Lawton Thompson,	*Portland,*	22 W. H.
Samuel Topliff,	*Evanston, Ill.,*	14 W. H.
Clifton Augustus Towle,	*Winthrop,*	14 A. H.
Everett Wilmot Varney,	*Fort Fairfield,*	Elm House.
William Townsend Veazie,	*Bangor,*	7 A. H.
Hanson Hart Webster,	*Portland,*	9 W. H.
Wallace Humphrey White, Jr.,	*Lewiston,*	8 M. H.
Jacob Ernest Wignott,	*Natick, Mass.,*	27 W. H.
Carl Vose Woodbury,	*Woodfords,*	12 Page St.

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Percy Andrus Babb,	*North Bridgton*,	4 A. H.
Harry Oliver Bacon,	*Natick, Mass.*,	4 A. H.
John Russell Bass,	*Wilton*,	16 A. H.
Harry Annesley Beadle,	*Hartford, Conn.*,	76 Federal St.
Charles Eugene Hill Beane,	*Hallowell*,	1 W. H.
Joseph Pitman Bell,	*Lawrence, Mass.*,	16 M. H.
Clifford Sawyer Bragdon,	*Cumberland Mills*,	76 Federal St.
Harry Thompson Burbank,	*Exeter, N. H.*,	218 Maine St.
Albro Leonard Burnell,	*Woodfords*,	23 W. H.
Robert Franklin Chapman,	*Portland*,	11 W. H.
Albert Warren Clarke,	*Damariscotta Mills*,	31 M. H.
Henry George Clement,	*West Gorham*,	29 M. H.
Burton Melville Clough,	*Sebago*,	Elm House.
Henry Woodbury Cobb,	*Bath*,	22 A. H.
George Bicknell Colesworthy,	*Woodfords*,	23 W. H.
Robert Seaver Edwards,	*Boston, Mass.*,	12 W. H.
George Redman Gardner,	*Brewer*,	19 M. H.
Percy Clifford Giles,	*Boothbay*,	28 M. H.
George Flavius Goodspeed,	*Wilton*,	27 M. H.

George Bradford Gould,	*Bath,*	25 A. H.
Archie James Hamlin,	*Brunswick,*	Cedar St.
Simon Moulton Hamlin,	*Sebago Lake,*	48 Harpswell St.
Samuel Pope Harris,	*East Machias,*	11 W. H.
Elbert Bradlee Holmes,	*Brunswick,*	Pleasant St.
Ernest Leon Jordan,	*Auburn,*	12 W. H.
James Frederick Knight,	*Rockland,*	12 M. H.
Frederick Crosby Lee,	*Newcastle,*	29 W. H.
Alfred Watts Levensaler,	*Thomaston,*	12 M. H.
Harry Clinton McCarty,	*Portland,*	6 Cleaveland St.
Islay Francis McCormick,	*Boothbay Harbor,*	26 W. H.
Fred Bean Merrill,	*Bethel,*	26 A. H.
Philip Mason Palmer,	*Westbrook,*	18 A. H.
James Richardson Parsons,	*Yarmouth,*	18 M. H.
Joseph Cleaveland Pearson,	*Brunswick,*	82 Pleasant St.
William Vose Phillips,	*Brewer,*	32 W. H.
Charles Hagan Potter,	*Bath,*	22 A. H.
Philip Lowell Pottle,	*Lewiston,*	26 M. H.
Henry Herbert Randall,	*Farmington,*	41 Harpswell St.
Clarence Cromwell Robinson,	*Brewer,*	19 M. H.
Cheney Dexter Rowell,	*Berlin, N. H.,*	26 W. H.
Clarence Byron Rumery,	*Biddeford,*	13 M. H.
George Wilkins Russell,	*Kearsarge, N. H.,*	3 M. H.

Henry Augustus Shorey, Jr.,	*Bridgton,*	32	A. H.
Frank Melville Sparks,	*Bangor,*	19	M. H.
Louis Mahlon Spear,	*Gardiner,*	23	M. H.
Everett Birney Stackpole,	*Augusta,*	15	A. H.
Arthur Weston Strout,	*Gardiner,*	6	A. H.
Malcolm Cameron Sylvester,	*North Bridgton,*	26	A. H.
Fred Uriah Ward,	*Cherryfield,*	8	Cleaveland St.
James Plaisted Webber,	*Bath,*	9	W. H.
Harold Preston West,	*Lewiston,*	3	M. H.
Joseph Walker Whitney,	*Portland,*	22	W. H.
Charles Glidden Willard,	*Newcastle,*	26	M. H.
Edmund Percy Williams,	*Topsham,*	33	Union St.
Stanley Chandler Willey,	*Cherryfield,*	8	Noble St.
Arthur Brooks Wood,	*Portland,*	5	M. H.
William Billings Woodbury,	*Woodfords,*	23	W. H.

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Royal Henry Bodwell,	*Brunswick*,	40 Cumberland St.
Thomas William Bowler,	*Hopkinton, Mass.*,	27 W. H.
Gibeon Elden Bradbury,	*Buxton*,	48 Harpswell St.
Roland Everett Bragg,	*Bangor*,	13 A. H.
Charles Stanley Brown,	*Augusta*,	4 W. H.
Roland Eugene Clark,	*Houlton*,	24 W. H.
Marshall Scott Clark,	*Brunswick*,	Cedar St.
Harry Howard Cloudman,	*S. Windham*,	29 M. H.
Harry Stevens Coombs,	*Lewiston*,	20 M. H.
John Arthur Corliss,	*Bridgton*,	31 A. H.
Arthur Fenno Cowan,	*Biddeford*,	1 M. H.
Fred Herbert Cowan,	*Farmington*,	31 W. H.
Ripley Lyman Dana,	*Portland*,	10 A. H.
Murray Snell Danforth,	*Bangor*,	11 Cumberland St.
Otho Lee Dascombe,	*Wilton*,	16 A. H.
Frank Alexander Dillaway,	*Bath*,	8 Cleaveland St.
Henry Darenydd Evans,	*Camden*,	29 W. H.
Edward Trowbridge Fenley,	*Portland*,	30 A. H.

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Clarence Blake Flint,	*Cornish,*	31 A. H.
Robert Chapman Foster,	*Bethel,*	7 A. H.
Edwin Motley Fuller, Jr.,	*Bath,*	5 W. H.
John Gregson, Jr.,	*Wiscasset,*	15 W. H.
Arthur Llewellyn Griffiths,	*Malden, Mass.,*	200 Maine St.
Almon Franklin Hill, Jr.,	*Woodfords,*	19 A. H.
Paul Stanley Hill,	*Saco,*	1 M. H.
Alfred Louis Laferriere,	*Norway,*	4 M. H.
Austin Park Larrabee,	*Gardiner,*	1 A. H.
Edward Kavanagh Leighton,	*Thomaston,*	7 M. H.
George Lothrop Lewis,	*S. Berwick,*	31 W. H.
Elliott William Loring,	*Yarmouth,*	18 W. H.
Henry Augustus Martelle,	*Richmond,*	8 Cleaveland St.
Harris James Milliken,	*Bangor,*	5 W. H.
Artelle Elisha Palmer,	*S. Brewer,*	9 A. H.
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Thomas Cummings Randall,	*Freeport,*	25 M. H.
Walter Lyman Sanborn,	*Norway,*	4 M. H.
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Arthur Lawrence Small,	*Yarmouthville,*	18 M. H.
Ernest Thomas Smith,	*Woodfords,*	19 A. H.
Donald Francis Snow,	*Bangor,*	9 A. H.
Herbert Duncan Stewart,	*Richmond,*	20 Cleaveland St.
Rufus York Storer,	*Brunswick,*	Elm House.
Herbert Lindsey Swett,	*Bangor,*	13 A. H.
Lester Dean Tyler,	*Freeport,*	25 M. H.
Harold Penniman Vose,	*Machias,*	22 M. H.
Harry Eaton Walker,	*Ellsworth,*	1 A. H.
William Moncena Warren,	*Bangor,*	20 M. H.
Theodore Wells,	*Portland,*	4 W. H.
George Currier Wheeler,	*Farmington,*	9 M. H.
John Humphrey White,	*Lewiston,*	8 M. H.
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John Howard Wyman,	*Skowhegan,*	20 Cleaveland St.
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John Appleton,	*Bangor,*	8 A. H.
Ben Barker,	*Portland,*	7 W. H.
Nat Bailey Twycross Barker,	*Cedar Grove,*	204 Maine St.
Robert Sanford Benson,	*Snow's Falls,*	9 Cumberland St.
Thomas Herbert Blake,	*Bangor,*	2 M. H.
Ralph Porter Bodwell,	*Brunswick,*	40 Cumberland St.
Edward Edgecomb Carter,	*Bath,*	23 A. H.
Philip Howard Cobb,	*Portland,*	3 A. H.
Lyman Abbott Cousens,	*Portland,*	21 M. H.
Richard Bryant Dole,	*Portland,*	17 W. H.
Fred Henry Dorman,	*Auburn,*	9 M. H.
Harold Benjamin Eastman,	*Woodfords,*	7 Everett St.
Barton Comstock Emery,	*Saco,*	1 W. H.
Ernest Woodbury Files,	*W. Gorham,*	76 Federal St.
William Laberee Flye,	*Sheepscot,*	18 W. H.
George Edwin Fogg,	*Portland,*	21 W. H.
Ernest Bertrand Folsom,	*Stroudwater,*	76 Federal St.
John Arthur Furbish,	*Brunswick,*	10 Cumberland St.

Harvey Dow Gibson,	*N. Conway, N. H.,*	21 A. H.
Erwin Garfield Giles,	*E. Brownfield,*	18 A. H.
Lee Thomas Gray,	*Lubec,*	32 M. H.
Herbert Leroy Grinnell, Jr.,	*Bath,*	4 W. H.
Eben Ricker Haley,	*Gardiner,*	23 M. H.
George Clifford Hamblet,	*Woodfords,*	24 A. H.
Benjamin Pierce Hamilton,	*Waterboro,*	11 School St.
James Oliver Hamilton,	*Waterboro,*	11 School St.
B. Frank Hayden,	*Pleasantdale,*	13 M. H.
Edmund Hayes,	*Farmington,*	12 Park Row.
John Warren Higgins,	*Starks,*	15 M. H.
Frank Edward Hoyt,	*W. Gorham,*	30 W. H.
Charles Henry Hunt,	*Portland,*	24 W. H.
Harry Joseph Hunt,	*Bangor,*	15 W. H.
Benjamin Edward Kelley,	*Boothbay,*	28 M. H.
Eugene Robert Kelley,	*Island Falls,*	22 M. H.
George Blair Kenniston,	*Boothbay Harbor,*	25 W. H.
Perez Benjamin Merrill,	*Littleton, Mass.,*	7 Potter St.
Harrison King McCann,	*Westbrook,*	21 A H.
Sidney Webb Noyes,	*Portland,*	25 W. H.
Clifford Hamilton Preston,	*Farmington,*	12 Park Row.
Andrew Stroud Rodick,	*Bar Harbor,*	24 A. H.
Charles Edgar Rolfe, 2d,	*Unity,*	16 W. H.

Howard Sexton,	*Billerica, Mass.,*	7 W. H.
John Hudson Sinkinson,	*Portland,*	·17 M. H.
Frederic Arthur Stanwood,	*Wellesley, Mass.,*	16 W. H.
Arthur Harris Stockman,	*Saco,*	6 M. H.
Ralph Bushnell Stone,	*Otter River, Mass.,*	27 Federal St.
Harry Gordon Swett,	*Brunswick,*	9 Page St.
Blaine Spooner Viles,	*Skowhegan,*	11 A. H.
George Rowland Walker,	*Portland,*	3 A. H.
William Leavitt Watson,	*Portland,*	14 A. H.
Harold Randall Webb,	*Brunswick,*	10 Lincoln St.
William Ellery Wing,	*North Anson,*	15 M. H.
Harry Oscar Wood,	*Gardiner,*	Mr. Mallet's.

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PURSUING SPECIAL STUDIES.

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Charles Edgar Bellatty,	*Ellsworth,*	24 M. H.
Norman John Gehring,	*Cleveland, O.,*	23 A. H.
William Alden Johnston,	*Vanceboro,*	21 Harpswell St.
Edgar Meade Simpson,	*San Francisco, Cal.,*	12 Page St.
John Prescott Webber, Jr.,	*Brookline, Mass.,*	6 A. H.
Daniel Webster Wentworth,	*North Berwick,*	24 M. H.
Corydon Leslie Young,	*New Portland,*	31 M. H.

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ADMISSION TO THE COLLEGE.

Candidates for admission to the Freshman Class are examined in the following subjects.

ENGLISH.

English Grammar and Composition.

I. Reading and Practice. The candidate will be required to present evidence of a general knowledge of the subject-matter of the books mentioned and to answer simple questions on the lives of their authors. The examination will usually be the writing of a paragraph or two on each of several topics set in the paper given the candidate. The treatment of these topics is designed to test his power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books for this part of the examination will be:

For 1899—Dryden's Palamon and Arcite: Pope's Iliad, Books I, VI, XXII, and XXIV; The Sir Roger de Coverley Papers in the *Spectator;* Goldsmith's The Vicar of Wakefield; Coleridge's The Ancient Mariner; De Quincey's The Flight of a Tartar Tribe; Cooper's The Last of the Mohicans; Lowell's The Vision of Sir Launfal; Hawthorne's The House of the Seven Gables.

For 1900—Dryden's Palamon and Arcite; Pope's Iliad, Books I, VI, XXII, and XXIV; The Sir Roger de Coverley Papers in the *Spectator;* Goldsmith's The Vicar of Wakefield; Scott's Ivanhoe; De Quincey's The Flight of a Tartar Tribe; Cooper's The Last of the Mohicans; Tennyson's The Princess; Lowell's The Vision of Sir Launfal.

For 1901 and 1902—Shakespeare's The Merchant of Venice; Pope's Iliad, Books I, VI, XXII, and XXIV; The Sir Roger de Coverley Papers in the *Spectator;* Goldsmith's The Vicar of Wakefield; Coleridge's The Ancient Mariner; Scott's Ivanhoe; Cooper's The Last of the Mohicans; Tennyson's The Princess; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

In preparation for this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

II.   Study and Practice.   This part of the examination pre-
supposes a more careful study of each of the works named below.
The examination will be upon subject-matter, form, and structure;
and will also test the candidate's ability to express his knowledge
with clearness and accuracy.   The books for this part of the
examination will be:

For 1899—Shakespeare's Macbeth; Milton's Paradise Lost, Books I and II;
    Burke's Speech on Conciliation with America; Carlyle's Essay on Burns.
For 1900—Shakespeare's Macbeth; Milton's Paradise Lost, Books I and II;
    Burke's Speech on Conciliation with America; Macaulay's Essays on
    Milton and Addison.
For 1901 and 1902—Shakespeare's Macbeth; Milton's Lycidas, Comus,
    L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with
    America; Macaulay's Essays on Milton and Addison.

In addition, the candidate may be required to answer questions
involving the essentials of English grammar, and questions on the
leading facts in those periods of English literary history to which
the prescribed works belong.

MATHEMATICS.

Algebra, embracing the following topics: All elementary
processes necessary for the solution of simultaneous equations of
the first degree; the statement and solution of problems leading to
these equations; treatment of inequalities; doctrine of square and
cube root; theory of exponents; radicals and imaginaries; solu-
tion of quadratics and equations in quadratic form by the method
of completing the square, by factoring, and by a formula; discus-
sion of the properties of quadratics; quadratics containing two
unknown quantities and the solution of problems leading thereto;
ratio, proportion, and variation; the progressions; binomial the-
orem for positive integral exponents.

Plane Geometry, including the theorems and exercises of the
ordinary school text-book; mensuration of plane figures and numer-
ical problems based on the text.   The candidate should be able to
write a formal demonstration of simple original theorems.

LATIN.

Outlines of Roman History and Geography.
Latin—(1) Preliminary, (2) Final.

The Preliminary Examination will be adapted to the proficiency of those
who have studied Latin in a systematic course of five lessons a week,

extending through at least *three* school years. It will consist of two parts:

(*a*) The translation at sight of simple Latin prose and verse.

(*b*) A thorough examination on Cicero's second, third, and fourth speeches against Catiline, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Latin prose, involving the use of such words, constructions, and idioms only, as occur in the speeches prescribed.

The Final Examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five lessons a week, extending through at least *four* school years. It will consist of two parts:

(*a*) The translation at sight of passages of Latin prose and verse, with questions on ordinary forms, constructions, and idioms, and on prosody.

(*b*) The translation into Latin prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Latin prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

In addition to the subjects stated above, one of the following five subjects is required. Those who take Greek, either as a subject for admission, or as a study in college for two consecutive years, receive the degree of A.B. Those who take one of the other subjects for admission, and do not take Greek in college, receive the degree of B.L. or B.S.

I. Greek—(1) Preliminary, (2) Final.

The Preliminary Examination will be adapted to the proficiency of those who, in addition to the course defined as suitable preparation for the Preliminary Examination in Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. It will consist of two parts:

(*a*) The translation at sight of passages of simple Attic prose.

(*b*) A thorough examination on Xenophon's Anabasis, Book II, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Attic prose, involving the use of such words, constructions, and idioms only, as occur in the portion of Xenophon prescribed.

The Final Examination will be adapted to the proficiency of those who, in addition to the course defined as a suitable preparation for the Final Examination in Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(*a*) The translation at sight of passages of Attic prose and of Homer, with questions on ordinary forms, constructions, and idioms, and on prosody.

(*b*) The translation into Attic prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Greek prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

The chief aim of the examinations in Latin and Greek, which are approved by the Commission of Colleges in New England on Admission Examinations, is to test the candidate's proficiency in Latin and Greek Grammar, translation at sight, and Latin and Greek composition. It is not expected that more time or a materially larger amount of reading than formerly will be needed for such preparation. It is hoped, however, that better results may be reached through improved methods of instruction, directed to these more definite ends.

II. French—(1) Elements of French Grammar as represented by Whitney's Grammar, Part I. (2) French Prose Composition as represented by Macmillan's Prose Composition, Part I., pp. 1–76. (3) Ability to read French, to be acquired by careful study of at least 1,500 pages of modern French. (4) Ability to pronounce French and to understand it when pronounced.

III. German—(1) Elements of German Grammar, including declension of such nouns as are easily classified, of adjectives and pronouns, conjugation of the weak and the more common strong verbs, use of modal auxiliaries, rules of syntax, and the order of words in the German sentence. (2) Ability to translate at sight simple prose, in preparation for which the student should read at least 400 pages of prose and 40 pages of ballads or lyrics. (3) Ability to pronounce German and to understand it when pronounced. (4) Ability to render English sentences into idiomatic German.

IV. Chemistry—(1) General chemistry as represented by Remsen's Introduction to Chemistry or Storer and Lindsay's Elementary Chemistry. (2) Elementary Qualitative Analysis for bases and acids. Candidates must present note-books, certified by their instructors, in which are the results of their own experiments; and not less than one-half of the time spent upon chemistry must have been given to laboratory work. A part of the examination will consist of the analysis of a substance in the laboratory.

Mathematics—(1) Algebra. The following subjects or their equivalents: Indeterminate equations, undetermined coefficients, binomial theorem, theory of limits, logarithmic series, solution of equations by synthetic division with necessary theorems, and graphs of quantics, with rational, or with not more than two irrational or imaginary roots. (2) Solid Geometry as represented by the text-books of Wells or Wentworth. Candidates must readily

solve problems of solid mensuration and demonstrate original theorems which may be easily deduced from the text. (3) Plane Trigonometry as represented by the text-books of Wells or Wentworth. Candidates must be familiar with the theory and use of six place logarithmic tables.

V. PHYSICS as represented by Gage's Elements of Physics or other text-book of equal grade. Candidates must be able to solve numerical examples under the various sections; must have performed forty experiments from Hall and Bergen's text-book, and have kept a note-book containing a written description in their own language of their experiments with all their calculations. These note-books must be certified by their instructors and presented at the examination.

MATHEMATICS as noted in Section IV.

EXAMINATIONS.

Students who have not completed their preparatory course, but who pass satisfactorily examinations either in algebra or in geometry, and the preliminary examinations in Latin and Greek, may receive a certificate excusing them from examination in these subjects the following year.

Candidates for admission to the Sophomore, Junior, and Senior classes are examined in the studies already pursued by the class which they wish to enter, equivalents being accepted for the books and authors studied by the class. No one is admitted to the Senior Class after the beginning of the second term.

The regular examinations for admission to college are held in Massachusetts Hall, in Brunswick, on Friday and Saturday, June 23 and 24, 1899, and on Monday and Tuesday, September 18 and 19, 1899. At the examination in June, attendance is required at 8 A.M. on Friday. At the examination in September, attendance is required at 2 P.M. on Monday. The examination is chiefly in writing.

Examinations are also held at Thornton Academy, Saco; at Washington Academy, East Machias; at Fryeburg Academy; and at Lincoln Academy, Newcastle, these schools having been made special Fitting Schools for the College by the action of their several

Boards of Trustees, in concurrence with the Boards of Trustees and Overseers of the College.

In view of the expense and inconvenience often accompanying the attendance of candidates in Brunswick during Commencement week, the President will furnish the principal of any academy or high school, having a regular course preparatory for college, with printed examination papers for the use of such pupils as he believes prepared to enter college, provided they expect to enter Bowdoin.

No papers will be sent out on the requirements in German, French, Advanced Mathematics, Physics, and Chemistry. Candidates presenting these subjects must take their examination in them at the college at one of the times appointed.

The examinations are to be conducted by the principal on June 9 and 10, 1899, and the results at once sealed and sent by mail to the President. A report of the examination will be made to the principal and also to the candidates.

Testimonials of good moral character must in all cases be received before tickets of admission are granted. A testimonial is preferred from the teacher under whom the preparatory course was completed. A student from another college, before he can be admitted, must present a certificate of regular dismission.

A bond for two hundred dollars, with satisfactory sureties, must be filed with the Treasurer by every student on his admission to college, as security for the payment of his Term Bills and any other charges that may arise under the College Laws. A blank form for this purpose will be given with the ticket of admission.

SPECIAL STUDENTS.

Persons who give evidence of maturity, earnestness of purpose, and adequate preparation, will be allowed to pursue special studies in connection with the regular classes, without becoming matriculated members of the College.

REQUIRED STUDIES.

In order that all students may acquire the tools and training necessary for the more advanced courses, certain fundamental courses, occupying the entire Freshman year and about a third of the Sophomore year, are required. The variety in subjects offered for admission, and the maintenance of a distinction between candidates for the degree of A.B. and candidates for the degrees of B.S. or B.L. divides the students into nine classes, which in the accompanying table, and in the account of courses of instruction, are designated as follows:

Class I.   Candidates for the degree of A.B. who offer Greek as a subject for admission.

Class II.   Candidates for the degree of A.B. who offer German.

Class III.   Candidates for the degree of A.B. who offer French.

Class IV.   Candidates for the degree of A.B. who offer Mathematics and Chemistry.

Class V.   Candidates for the degree of A.B. who offer Mathematics and Physics.

Class VI.   Candidates for the degree of B.S. or B.L. who offer German.

Class VII.   Candidates for the degree of B.S. or B.L. who offer French.

Class VIII.   Candidates for the degree of B.S. or B.L. who offer Mathematics and Chemistry.

Class IX.   Candidates for the degree of B.S. or B.L. who offer Mathematics and Physics.

The courses required of each of these classes is shown in the following table:

FRESHMAN YEAR.

I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.
Greek, 1, 2, and 3.	Greek, a, b, and c.	Greek, a, b, and c.	Greek, a, b, and c.	Greek, a, b, and c.	Latin, 1, 2, and 3.	Latin, 1, 2, and 3.	Latin, 1, 2, and 3.	Latin, 1, 2, and 3.
Latin, 1, 2, and 3.	Latin, 1, 2, and 3.	Latin, 1, 2, and 3.	Latin, 1, 2, and 3.	Latin, 1, 2, and 3.	French, 1, 2, and 3.	Mathematics, 1, 2, and 3.	French, 1, 2, and 3.	French, 1, 2, and 3.
French, 1, 2, and 3.	French, 1, 2, and 3.	Mathematics, 1, 2, and 3.	French, 1, 2, and 3.	French, 1, 2, and 3.	Mathematics, 1, 2, and 3.	German, 1, 2, and 3.	German, 1, 2, and 3.	German, 1, 2, and 3.
Mathematics, 1, 2, and 3.	Mathematics, 1, 2, and 3.	German, 1, 2, and 3.	Physics, 1, 2, and 3.	Chemistry, 1, 2, and 3.	History, 1, 2, and 3.	History, 1, 2, and 3.	Physics, 1, 2, and 3.	Chemistry, 1, 2, and 3.
Hygiene.	Hygiene.	Hygiene.	Hygiene.	Hygiene.	Hygiene.	Hygiene.	Hygiene.	Hygiene.
Elocution, 1 and 2.	Elocution, 1 and 2.	Elocution, 1 and 2.	Elocution, 1 and 2.	Elocution, 1 and 2.	Elocution, 1 and 2.	Elocution, 1 and 2.	Elocution, 1 and 2.	Elocution, 1 and 2.

SOPHOMORE YEAR.

I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.
Rhetoric, 1.	Rhetoric, 1.	Rhetoric, 1.	Rhetoric, 1.	Rhetoric, 1.	Rhetoric, 1.	Rhetoric, 1.	Rhetoric, 1.	Rhetoric, 1.
German, 1, 2, and 3.	Greek, 1, 2, and 3.	Greek, 1, 2, and 3.	Greek, 1, 2, and 3.	Greek, 1, 2, and 3.				
			German, 1, 2, and 3.	German, 1, 2, and 3.				

A course in physical training is required of all students during the second term. Theme writing is required throughout the Sophomore and Junior years.

COURSES OF INSTRUCTION.

LATIN LANGUAGE AND LITERATURE.
Professor HOUGHTON.   Mr. SMITH.

1. Livy: Selections from Books I, XXI, and XXII. History of the Punic Wars. Latin Composition. First term: *Tu., Wed., Sat.,* 8.30 and 9.30.

2. Horace: Odes and Epodes. History of Roman Literature (Bender). Biographical, historical, and mythological studies, with themes and exercises. Second Term: Div. *A—Tu., Sat.,* 10.30; *Wed., Th.,* 9.30. Div. *B—Tu., Wed., Th., Sat.,* 8.30.

3. Selections from various authors in prose and verse. Sight reading. Latin composition. Third term: *Tu., Wed., Fri., Sat.*—Div. *A* at 9, Div. *B* at 8.

   Courses 1, 2, and 3 are required of all Freshmen. The work in composition and historical, biographical, and mythological study is conducted by Mr. SMITH, who meets the students in small groups.

4. Roman Comedy: Plautus and Terence. Idiomatic rendering of the colloquial language and metrical reading of the original. First term: *Tu., Wed., Fri., Sat.,* 10.30.

5. Roman Satire: Horace, Persius, and Juvenal. The private life of the Romans and the social conditions of the first century of the Empire. Second term: *Tu., Sat.,* 9.30; *Wed., Th.,* 10.30.

6. Cicero's Letters (Abbott). Third term: *Tu., Fri ,* 10; *Wed., Sat.,* 11. The history of the last twenty years of the Republic.

7. Seneca: Dialogues and Moral Epistles. A considerable amount of text is covered by rapid reading, with special attention to pronunciation and to direct apprehension of the meaning without translation. About one-half of the work consists of assignments for private reading. First term: *Mon.,* 2; *Fri.,* 11.30.

   Elective for Juniors and Seniors who have taken Courses 4, 5, and 6.

[8. Tacitus: Annals (I–VI) and Suetonius (Augustus and Tiberius). First term: 2 hrs.]

[9. Lucretius. First term: 2 hrs.]

[10. Cicero de Oratore. First term: 2 hrs.]

   Courses 8, 9, and 10 are similar in scope and method to Course 7, and alternate with it.

11. Teachers' Course: Designed for those who expect to teach Latin. Methods and aims of classical study. Preparatory authors treated

from the teacher's point of view. Elective for Seniors and for Juniors in special cases. Second term: 2 hrs. The hours to be determined after the class is formed.

GREEK.

Professor WOODRUFF. Mr. SMITH.

1. Xenophon's Cyropædia, with exercises in translating into Greek. First term: *Mon., Tu., Th., Fri.*, at 2 and 3.

2. Selected portions of the Odyssey. Second term: *Mon., Tu., Fri.*, at 2 and 3.

3. The Gospel of Mark, with essays on New Testament topics. Third term: *Mon., Tu., Th., Fri.*, at 2 and 3.

   Courses 1, 2, and 3 are required of Freshmen, Class I, and of Sophomores, Classes II, III, IV, and V.

4. The Alcestis of Euripides; with study of the origin of the Greek drama and the construction and usages of the Greek theatre: in alternation with Herodotus. First term: *Mon., Th.*, 10.30; *Tu., Fri.*, 11.30.

5. The Antigone of Sophocles, in alternation with Thucydides or Demosthenes. Second term: *Mon., Tu., Fri., Sat.*, 10.30.

6. The Frogs of Aristophanes, in alternation with Plato. Third term: *Mon., Tu., Th., Fri.*, at 11.

   Courses 4, 5, and 6 are elective for Sophomores, Juniors, and Seniors.

7. Selected tragedies. In alternation with Course 9. Four times per week. Second term.

8. Selected comedies. In alternation with Course 10. Four times per week. Third term.

[9. Lyric Poets. Course 9 will not be given in 1899, but will alternate with Course 7. Four times per week. Second term.]

[10. Lucian. Course 10 will not be given in 1899, but will alternate with Course 8. Four times per week. Third term.]

   Courses 7, 8, 9, and 10 are elective for Seniors and Juniors who have taken Courses 4, 5, and 6. The hours of recitation will be determined after the class is formed.

11. The Teachers' Course. This includes a careful review of the fundamentals of Greek Grammar, study of selected portions of Xenophon and Homer, and discussion of text-books and methods of teaching. Third term. Four times per week.

   Course 11 is elective for Seniors, and is adapted to the needs of prospective teachers. Recitation hours will be determined after the class is formed.

ELEMENTARY.

a. White's First Greek Book. First term: *Mon., Tu., Th., Fri.*, at 3.

b. Xenophon's Anabasis, with exercises in writing Greek. Second term: *Mon., Tu., Th., Fri.*, at 3.

c. Homer. Third term: *Mon., Tu., Th., Fri.,* at 3.

> Courses *a, b,* and *c* are required of Freshmen, Classes II, III, IV, and V. They will be omitted in any year when there are less than three applicants.

FRENCH.

Professor JOHNSON.

1. Whitney's French Grammar. Modern Prose Writers. Writing from dictation. First term: A. *Mon., Wed., Th., Sat.,* 9.30. B. *Mon., Th.,* 8.30; *Wed., Sat.,* 10.30.

2. Modern Prose and Prose Composition. Dictation. One hundred pages outside reading. Second term: A. *Mon., Wed., Fri., Sat.,* 9.30; B. *Mon., Wed., Fri., Sat.,* 10.30.

3. Modern Prose and Prose Composition. Dictation. One hundred pages outside reading. Third term: A. *Mon., Th.,* 9, *Sat.,* 10.; B. *Mon., Th.,* 10, *Sat.,* 9.

> Courses 1, 2, 3 are required of all students who have not passed an entrance examination in French on admission to college.

4. Authors of the Nineteenth Century. The Romantic School. Crane's Le Romantisme Français; Hugo; Musset. Dictation. French Grammar. *Outside Reading: Corneille,* Le Cid; *Molière,* Tartufe, Misanthrope, Avare; *Racine,* Athalie, Esther. First term: *Mon.,* 11.30; *Wed.,* 8.30; *Th.,* 11.30; *Sat.,* 8.30.

5. Authors of the nineteenth century. The Romantic Movement. Crane's Le Romantisme Français; Sand; Balzac; Mérimée; Gautier; Sainte-Beuve. Grammar. Dictation. *Outside Reading: La Fontaine,* Fables Choisies; *Pascal,* XIV. Provinciale; *Boileau,* L'Art Poétique; *Bossuet,* Oraison Funèbre de Henriette d'Angleterre; *Montesquieu,* Grandeur et Décadence des Romains; *Voltaire,* Zadig, Zaïre. Grammar. Dictation. Second term: *Mon., Wed., Fri., Sat.,* 8.30.

6. Authors of the last half of the Nineteenth Century. Taine to A. France. Grammar. Dictation. *Outside Reading: B. de St. Pierre,* Paul et Virginie; *Chateaubriand,* Extraits; *Hugo,* Les Misérables, Extraits, *ed.* Sanderson. Third term: *Mon., Wed., Th.,* at 8.

> Courses 4, 5, and 6 are elective for all students who have taken the courses which precede them, or an equivalent.

GERMAN.

Professor FILES.

1. Elementary Course.—Grammar. Translation from German into English, and exercises in translating into German. First term: *Mon., Tu., Th., Fri.,* at 2 and 3.

2. Elementary Course.—Translation of modern German prose and reading at sight. Grammar. Prose composition. Second term: *Mon., Tu., Th., Fri.,* 11.30 and 2.

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3. Elementary Course.—Translation of modern German prose and poetry. Reading at sight. Prose composition. Third term: *Mon.*, *Tu.*, *Th.*, *Fri.*, at 2 and 3.

Courses 1, 2, and 3 form a consecutive course throughout the year. Course 2 must be preceded by Course 1, and Course 3 by Courses 1 and 2. They are required of Freshmen, Classes III, VII, VIII, and IX, and Sophomores, Classes I, IV, and V.

4. The Drama of the Classic Period. Schiller, Maria Stuart (for 1898). Reading at sight. Composition. Lectures on the literature of the period. First term: *Tu.*, *Fri.*, 10.30; *Th.*, *Sat.*, 9.30.

5. The Drama of the Classic Period. Goethe, Faust, Part I. Reading at sight. Composition. Lectures. Second term: *Tu.*, *Fri.*, 10.30; *Th.*, *Sat.*, 9.30.

6. Lyrics and Ballads. Translation, von Klenze's Deutsche Gedichte. Reading at sight. Composition. Lectures. Third term: *Tu.*, *Fri.*, at 10; *Th.*, *Sat.*, at 9.

Courses 4, 5, and 6 form a consecutive course throughout the year. Course 5 must be preceded by Course 4, and Course 6 by Courses 4 and 5. They are elective for Juniors and Seniors, and also for Sophomores, Classes III, VI, VII, VIII, and IX.

7. German Prose Composition (advanced course). Practice in writing connected discourse in German. Rapid reading of modern German novels and comedies without translation. Course conducted in German. First term: *Mon.*, *Th.*, 10.30.

8. German Prose Composition (advanced course). Continuation of Course 7; conducted in the same manner. Second term: *Wed.*, 4 to 6.

9. German Prose Composition (advanced course). Essays and themes in German. Rapid reading without translation. Conducted in German. Third term: *Wed.*, 4 to 6.

These courses are consecutive. Course 8 must be preceded by Course 7, and Course 9 by Courses 7 and 8. They are elective to Seniors and Juniors who have pursued Courses 1, 2, and 3 (or an equivalent) and Courses 4, 5, and 6. The class is limited to twelve. In case more than that number apply, members are chosen by rank for the six preceding courses in German.

RHETORIC AND ORATORY.

Professor MITCHELL.

Elocution 1. Informal lectures; drill in articulation, intonation, and gesture; short declamations with criticism by both students and instructor. Required of all Freshmen. Second term. Section E, *Fri.* at 8.30; D, at 10.30; C, *Th.* at 2; F, at 3.

Elocution 2. Declamations, previously rehearsed to the instructor, spoken before the class. Required of all Freshmen. Third term: Division A, *Wed.* at 8; B, *Wed.* at 9,

Rhetoric 1. Genung's Practical Rhetoric; rhetorical analysis of pieces of good literature, and criticism of short themes written in the class-room. Required of all Sophomores. First term: *Mon., Wed., Th., Sat.,* 9.30 and 10.30.

Themes. Four themes of not less than four hundred words each are required of all Sophomores and Juniors during each of the first two terms, and three themes of all Sophomores during the third term. Subjects for themes are posted two weeks or more before the themes are due. Every theme is carefully read, the mistakes are marked, and a general criticism is written on the outside. The instructor then meets each student, hears him read his theme, points out the faults and merits of his writing, and suggests lines of profitable reading.

Logic. Jevons's Lessons in Logic. Practice in debating. Elective for Sophomores, Juniors, and Seniors. Second term: *Mon., Th.,* 9.30, 10.30; *Wed., Sat.,* 10.30, 11.30.

ENGLISH LITERATURE.

Professor CHAPMAN.

1. Early English Literature to the Fifteenth Century. Lectures, with special study of Beowulf, The Vision of Piers Plowman, and Select Portions of Chaucer. Elective for Seniors, first term. *Mon., Tu., Th., Fri.,* at 2.

2. Literature of the Elizabethan Period (1500 to 1625). Lectures and readings. Special study of the Plays of Shakespeare discussed in Moulton's Shakespeare as a Dramatic Artist. Elective for Seniors, second term. *Mon., Tu., Th., Fri.,* at 2.

3. Literature of the Rebellion and Restoration periods (1625 to 1700). Lectures and readings, with particular attention to the prose of Bunyan, Brown, Walton, Taylor, and Milton, and to the verse of Milton and Dryden. Elective for Seniors, third term. *Mon., Tu., Th., Fri.,* at 2.

   Courses 1, 2, and 3 constitute a continuous course, but any one of them may be elected by itself.

4. Literature of the Eighteenth Century. The Augustan writers. The beginning and progress of the Romantic movement. Elective for Juniors and Seniors, first term. *Mon., Tu., Wed., Fri.,* 9.30.

5. Poets of the Nineteenth Century. Chief representatives of the poetry of the century. About half the time of the course is given to Wordsworth, Tennyson, and Browning. Elective for Juniors and Seniors, second term. *Mon., Tu., Wed., Fri.,* 9.30.

6. American Literature. Lectures, Readings, and Text-Book, Pancoast's "Introduction to American Literature." Elective for Juniors and Seniors, third term. *Mon., Tu., Wed., Fri.,* at 9.

MATHEMATICS.

Professor MOODY.

1. **Algebra.** A review of selected portions of the preparatory algebra; followed by a study of series and limits, indeterminate equations, undetermined coefficients, binomial theorem, and higher equations. Study of logarithms with applications drawn from plane geometry. First term: *Mon., Tu., Th., Fri.*, 8.30 and 9.30.

2. **Geometry and Trigonometry.** Solid geometry with mensuration and original theorems. Plane trigonometry through the solution of right triangles. Second term: *Mon., Tu., Th., Fri.*, 8.30, 10.30.

3. **Trigonometry.** Demonstration of fundamental formulas and proof of exercises drawn therefrom; the theory and use of six-place logarithmic tables; the solution of oblique triangles with problems and applications. Third term: *Mon., Tu., Th., Fri.*, 8 and 9.

   Courses 1, 2, and 3 are consecutive, and are required of all Freshmen except Classes IV, V, VIII, and IX. Brief optional courses are given each term respectively, in advanced algebra, mensuration or elementary modern geometry, and surveying.

4. **Spherical Trigonometry and Analytic Geometry.** A summary of spherical trigonometry through the solution of oblique triangles and the completion of Wentworth's plane analytic geometry. First term: *Mon., Th.*, 10.30; *Tu., Fri.*, 11.30.

5. **Differential Calculus.** Byerly's text-book, with additional work in curve tracing and solid analytic geometry. Second term: *Mon., Tu., Fri., Sat.*, 10.30.

6. **Calculus.** Text-book completed and work extended to include double and triple integrals for surfaces and volumes. Third term: *Mon., Tu., Th., Fri.*, at 11.

   Courses 4, 5, and 6 are consecutive, and are open to all who have completed Courses 1, 2, and 3, and to Freshmen, Classes IV, V, VIII, and IX.

7, 8, and 9. **Integral Calculus and Elliptic Functions.** These courses are continuous throughout the year, and are given in 1898-9. Byerly's Integral Calculus with lectures and collateral reading forms the basis of the course. Open to those who have taken Courses 1 to 6 inclusive. Hours are at the mutual convenience of the class and instructor.

10, 11, and 12. Offered for 1899-1900. **Modern Pure Geometry** for the first half year; modern methods in analytics for last half. Lachlan's Modern Geometry and Salmon's Conic Sections. Conditions and hours as in 7, 8, and 9.

CHEMISTRY AND MINERALOGY.

Professor ROBINSON.

1. *General Chemistry.* Lectures and laboratory work. The occurrence, preparation, and properties of the common elements: combustion, oxidation, distillation, solution, and crystallization. Required of Freshmen, Classes V. and IX. Elective for Juniors and Seniors. First term: *Mon., Wed.,* 10.30; *Th., Sat.,* 10.30 to 12.30.

2. *General Chemistry,* including a few exercises on organic chemistry. Preparation of compounds; quantitative relations; the atomic theory. Required of Freshmen, Classes V. and IX. Elective for those who have taken Course 1 or its equivalent. Second term: *Mon., Wed.,* 10.30; *Th., Sat.,* 10.30 to 12.30.

3. *Qualitative Analysis.* Laboratory work in systematic analysis for common metals and acids. First term: *Mon., Tu., Fri., Sat.,* 3 to 4. Required of Freshmen, Classes V and IX. Elective for those who have taken Courses 1 and 2, and for Freshmen, Class VIII, who are qualified to take it.

4. *Quantitative Analysis.* The principles of all kinds of quantitative analysis. Typical analyses. General organic chemistry. Second Term: *Mon., Tu., Th., Fri.,* 3 to 4. Elective for those who have taken courses 1, 2, 3.

5. *Organic Chemistry.* Sugars, starches, alkaloids, etc. The principles of physiological chemistry for those intending to study medicine. Third term: *Mon., Tu., Th., Fri.,* 3 to 4. Elective for those who have taken enough of the preceding courses to be fitted.

MINERALOGY.

1. *Descriptive Mineralogy.* Common minerals, and methods of knowing them. Third term: *Mon., Wed.,* at 10; *Thu., Sat.,* 10 to 12. Elective for those who have taken Chemistry 1 and to other Juniors and Seniors fitted.

2. *Determinative Mineralogy and Metallurgy.* Mineralogy of the useful metals, and their ores. Third term: *Mon., Tu., Th., Fri.,* 4 to 5. Elective for those who have taken Course 1.

PHYSICS AND ASTRONOMY.

Professor HUTCHINS.

PHYSICS.

1. Mechanics and Heat; Ames's Theory of Physics, and laboratory work. First term: *Mon., Th.,* 8.30; *Tu., Fri.,* 8.30–10.30.

2. Light and Electricity. Ames's Theory of Physics, and laboratory work. Second term: *Tu., Th.,* 8.30; *Wed., Fri.,* 8.30–10.30.

Courses 1 and 2 are required of Freshmen, Classes IV and VIII, and elective for Sophomores, Juniors, and Seniors.

3. Laboratory work. First term: *Mon., Tu., Th., Fri.,* 2–4.

4. Second term. Laboratory work. *Mon., Tu., Th., Fri.,* 2–4. Elective for all students who have taken Courses 1 and 2 or equivalent, and Mathematics, Courses 1 to 6.

ASTRONOMY.

1. Astronomy. Young's Elements of Astronomy. Third term: *Mon., Th.,* at 9; *Tu., Fri.,* at 8. Elective for all students.

2. Astronomy. Practical Astronomy. Third term: *Mon., Tu., Th., Fri.,* 2–4. Elective for those who have taken Physics, 3 and 4, and Astronomy, 1.

DRAWING.

Mr. CURRIER.

Practical Instruction in Drawing. *Wed.* and *Sat.* throughout the year. Optional for all students, but not counted for a degree.

BIOLOGY AND GEOLOGY.

Professor LEE.

1. *Botany.* Clarke's Practical Botany. Third term: Div. A, *Mon., Th.,* at 10; *Wed., Sat.,* at 10.30. Div. B, *Mon., Th.,* at 11; *Wed., Sat.,* at 9. Elective for Sophomores, Juniors, and Seniors.

2. *Biology.* Thomson's Outlines of Zoölogy. First term: *Mon., Tu., Th., Fri.,* 2–4. Elective for Juniors and Seniors, and Sophomores, Class VI.

3. *Biology.* Thomson's Outlines of Zoölogy. Second term: *Mon., Tu., Th., Fri.,* 2–4. Elective for Juniors and Seniors who have taken Course 2.

4. *Biology.* Huxley's Physiology. Third term: *Mon., Tu., Th., Fri.,* 2–4. Elective for Juniors and Seniors who have taken Courses 2 and 3.

   Courses 2, 3, and 4 constitute a continuous course from single-celled organisms to man.

5. *Biology.* Wiedersheim's Comparative Anatomy of Vertebrates. First term: *Mon., Sat.,* 8.30–10.30; *Tu., Fri.,* 10.30–12.30. Elective for Seniors who have taken Courses 2, 3, and 4.

6. *Biology.* Wiedersheim's Comparative Anatomy of Vertebrates. Second term: *Mon., Sat.,* 8.30–10.30; *Tu., Fri.,* 10.30–12.30. Elective for Seniors who have taken Course 5.

7. *Biology.* Wiedersheim's Comparative Anatomy of Vertebrates. Third term: *Mon., Sat.,* 8–10; *Tu., Fri.,* 10–12. Elective for Seniors who have taken Courses 5 and 6.

   Courses 5, 6, and 7 include laboratory work in Comparative Anatomy, Histology, and Physiology, preparatory to the study of medicine.

8. *Geology.* Scott's Introduction to Geology. First term: *Mon., Wed., Th., Sat.,* 11.30. Elective for Juniors and Seniors.

HYGIENE AND PHYSICAL TRAINING.

Dr. Whittier.

Hygiene.

First term: *Fri.*, 10.30. Lectures on Human Anatomy, Physiology, and Personal Hygiene. Required of all Freshmen.

The director of the Gymnasium gives each student admitted to College a thorough medical and physical examination. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength, and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. At the same time the student receives a hand-book containing the exercises prescribed for the purpose of correcting the physical defects shown by his chart, with specific directions in regard to diet and bathing.

Physical Training.

1. Second term: *Mon., Tu., Th., Fri.*, 11.30. Class exercises; military drill, setting-up drill, and Indian-club swinging. Squad exercises (graded to suit the strength of each squad); in-door athletics, chest weights, and heavy gymnastics. Required of Freshmen.

2. Second Term: *Mon., Tu., Th., Fri.*, at 3. Class exercises; dumb-bells and boxing. Squad exercises; in-door athletics and wrestling. Required of Sophomores.

3. Second term: *Mon., Tu., Th., Fr.*, at 4. Class exercises; fencing with single-sticks and fencing with broadswords. Squad exercise; in-door athletics. Required of Juniors.

4. Second term: *Mon., Tu., Th., Fri.*, at 5. Class exercise; fencing with foils. Squad exercise; in-door athletics. Required of Seniors.

ECONOMICS AND SOCIOLOGY.

Professor Emery.

1. Elements of Economic Theory. Walker's Political Economy. First term: *Tu., Th., Fri., Sat.*, at 8.30. Elective for Juniors and Seniors.

2. Money, Banking, and the Methods of Exchange. Text-books and lectures. Second term: *Tu., Th., Fr., Sat.*, 8.30. Elective for those who have taken 1.

3. Taxation. Text-book and lectures. Third term: *Tu., Th., Fri., Sat.*, at 8. Elective for those who have taken 1.

4. Outlines of Economic History and the Development of Economic Theory, with special reference to Socialism. Text-books and lectures. First term: *Tu., Wed., Th.*, 9.30; *Sat.*, 10.30. Elective for Seniors who have taken 1.

5. Problems of the Combinations of Labor and of Capital. Text-books and lectures. Second term: *Tu., Wed., Th., Sat.*, 10.30. Elective for Seniors who have taken 4.

6. Sociology. The Growth of Social Institutions. Third term: *Tu.*, *Wed.*,
   Th., at 9; *Sat.* at 10. Elective for Seniors.

HISTORY AND POLITICAL CIENCE.
Professor MacDonald.
HISTORY.

1. History of England, to 1509. Gardiner's Students' History of England,
   Vol. I. First term: *Mon.*, *Tu.*, *Th.*, *Fri.*, at 2.

2. History of England, 1509–1689. Gardiner's Students' History, Vol. II.
   Second term: *Mon.*, *Tu.*, *Th.*, *Fri.*, at 2.

3. History of England, 1689–1874. Gardiner's Students' History, Vol. III.
   Third term: *Mon.*, *Tu.*, *Th.*, *Fri.*, at 2.

   Courses 1, 2, and 3 form a consecutive course throughout the year.
   Course 2 must be preceded by Course 1, and Course 3 by Courses 1
   and 2. They are elective for Sophomores, Juniors, and Seniors, but
   cannot be taken by those who are taking Courses 4, 5, and 6. They
   are required of Freshmen, Classes V and VI.

4. American History, to 1789. Thwaites's The Colonies. First term: *Mon.*,
   Tu., *Wed.*, *Fri.*, 11.30.

5. History of the United States, 1789–1829. Hart's Formation of the Union.
   Second term: *Mon.*, *Tu.*, *Wed.*, *Fri.*, 11.30.

6. History of the United States, 1829–1876. Johnston's American Politics.
   Third term: *Mon.*, *Tu.*, *Wed.*, *Fri.*, at 11.

   Courses 4, 5, and 6 form a consecutive course throughout the year. Course
   5 must be preceded by Course 4, and Course 6 by Courses 4 and 5.
   They are elective for Juniors and Seniors, but cannot be taken by
   those who are taking Courses 1, 2, and 3.

GOVERNMENT.

1. American Government. Bryce's American Commonwealth, Vol. 1. Sec-
   ond term: *Mon.*, *Wed.*, 10.30; *Th.*, 11.30; *Fri.*, 9.30. Elective for
   Seniors.

2. Constitutional Law. Cooley's Principles of Constitutional Law. Third
   term: *Mon.*, *Wed.*, at 10; *Th.*, at 11; *Fri.*, at 9. Elective for Seniors.
   Course 8 must ordinarily be preceded by Course 7.

PHILOSOPHY.
President HYDE.

1. Psychology. James's Psychology. Selections from Descartes, Locke,
   and Berkeley. First Term: *Tu.*, *Wed.*, *Th.*, *Fri.*, at 8.30.

2. History of Philosophy, Weber. Exposition of Plato's Republic, and
   Kant's Critique of Pure Reason. Second Term: *Tu.*, *Wed.*, *Th.*, *Fri.*,
   at 8.30.

3. Ethics. Mackenzie's Manual. Examination of Mill's Utilitarianism,
   and Spencer's Data of Ethics. Third Term, *Tu.*, *Wed.*, *Th.*, *Fri.*, at 8.

   These courses form a consecutive course in Philosophy throughout the
   year, and are elective for Seniors.

TABULAR VIEW—FIRST TERM.

	8.30	9.30	10.30	11.30	2.00	3.00	4.00
MONDAY	Biology, 5. Physics, 1. Mathematics, 1A French, 1B	Biology, 5. Mathematics, 1B English Lit., 4. Rhetoric, 1A French, 1A	Chemistry, 1. Greek, 4. Mathematics, 4. German, 7. Rhetoric, 1B	Geology. History, 4. French, 4.	English Lit., 1. Physics, 3. Biology, 2. History, 1. German, 1D Greek, 1A Latin, 7.	Chemistry, 3. Physics, 3. Biology, 2. German, 1C Greek, a. Greek, 1B	
TUESDAY	Philosophy, 1. Polit. Econ., 1. Physics, 1. Mathematics, 1A Latin, 1B	Polit. Econ., 4. English Lit., 4. Physics, 1. Mathematics, 1B Latin, 1A	Biology, 5. German, 4. Latin, 4.	Biology, 5. History, 4. Mathematics, 4. Greek, 4.	English Lit., 1. Physics, 3. Biology, 2. History, 1. German, 1D Greek, 1A	Chemistry, 3. Physics, 3. Biology, 2. German, 1C Greek, a. Greek, 1B	
WEDNESDAY	Philosophy, 1. French, 4. Latin, 1A Drawing.	Polit. Econ., 4. English Lit., 4. Rhetoric, 1A French, 1A Latin, 1B Drawing.	Chemistry, 1. Rhetoric, 1B Latin, 4. French, 1B Drawing.	Geology. History, 4. Drawing.	Drawing.	Drawing.	Drawing.
THURSDAY	Philosophy, 1. Polit. Econ., 1. Physics, 1. Mathematics, 1A French, 1B	Polit. Econ., 4. German, 4. Rhetoric, 1. Mathematics, 1B French, 1A	Chemistry, 1. Greek, 4. Mathematics, 4. Rhetoric, 1B German, 7.	Geology. Chemistry, 1. French, 4.	English Lit., 1. Biology, 2. Physics, 3. History, 1. German, 1D Greek, 1A	Chemistry, 3. Biology, 2. Physics, 3. German, 1C Greek, a. Greek, 1B	
FRIDAY	Philosophy, 1. Polit. Econ., 1. Physics, 1. Mathematics, 1A	English Lit., 4. Physics, 1. Mathematics, 1B	Biology, 5. German, 4. Latin, 4. Hygiene.	Biology, 5. History, 4. Mathematics, 4. Greek, 4. Latin, 7.	English Lit., 1. Biology, 2. Physics, 3. History, 1. German, 1D Greek, 1A	Chemistry, 3. Biology, 2. German, 1C Greek, a. Greek, 1B	
SATURDAY	Biology, 5. Polit. Econ., 1. Latin, 4. French, 4. Drawing.	Biology, 5. German, 4. Rhetoric, 1A French, 1A Latin, 1B Drawing.	Polit. Econ., 4. Chemistry, 1. Rhetoric, 1B Latin, 4. French, 1B Drawing.	Geology. Chemistry, 1. Drawing.	Drawing.	Drawing.	Drawing.

TABULAR VIEW—SECOND TERM.

	8.30	9.30	10.30	11.30	2.00	3.00	4.00	5.00
MONDAY	Philosophy, 2. Physics, 2. French, 2C Latin, 5. Mathematics, 2A	Biology, 6. English Lit., 5. Logic, A French, 2A Mathematics, 2B	Government, 1. Chemistry, 2. Logic, B Greek, 5. Mathematics, 5. French, 2B	History, 5. German, 2C Gymnasium, 1.	English Lit., 2. Biology, 3. Physics, 4. Greek, 2A German, 2D History, 2.	Chemistry, 4. Biology, 3. Physics, 4. Greek, 2B Gymnasium, 2. Greek, b.	Gymnasium, 3.	Gymnasium, 4.
TUESDAY	Philosophy, 2. Polit. Econ., 2. Physics, 2. Latin, 2B Mathematics, 2A	Polit. Econ., 5. English Lit., 5. Latin, 5. Mathematics, 2B	Biology, 6. German, 5. Greek, 5. Mathematics, 5 Latin, 2A	Biology, 6. History, 5. German, 2C Gymnasium. 1.	English Lit., 2. Biology, 3. Physics, 4. German, 2D History, 2. Greek, 2A	Chemistry, 4. Biology, 3. Physics, 4. Greek, 2D Gymnasium, 2. Greek, b.	Gymnasium, 3.	Gymnasium, 4.
WEDNESDAY	Philosophy, 2. Physics, 2C French, 5. Latin, 2A Drawing.	Polit. Econ., 2C English Lit., 5. Physics, 2D Latin, 2A French, 2A Drawing.	Government, 1. Chemistry, 2. Latin, 5. Logic, B French, 2B Drawing.	History, 5. Logic, A Drawing.	Drawing.	Drawing	Drawing. German, 8.	
THURSDAY	Philosophy, 2. Polit. Econ., 2. Physics, 2. Latin, 2B Mathematics, 2A	Polit. Econ., 5. German, 5. Logic, A Latin, 2A Mathematics, 2B	Chemistry, 2. Logic, B Latin, 5.	Government, 2. Chemistry, B German, 2C Gymnasium, 1.	English Lit., 2. Biology, 3. Physics, 4. German, 2D History, 2. Elocution, 1C	Chemistry, 4. Biology, 3. Physics, 4. Elocution, 1F Gymnasium, 2. Greek, b.	Gymnasium, 3.	Gymnasium, 4.
FRIDAY	Philosophy, 2. Polit. Econ., 2. Physics, 5. French, 2C Mathematics, 2A Elocution, 1E	Government, 1. English Lit., 5. French, 2A Physics, 2D Mathematics, 2B	Biology, 6. German, 5. Greek, 5. Mathematics, 5. French, 2B Elocution, 1D	Biology, 6. History, 5. German, 2C Gymnasium, 1.	English Lit., 2. Biology, 3. Physics, 4. German, 2D History, 2. Greek, 2A	Chemistry, 4. Biology, 3. Physics, 4. Greek, 2B Gymnasium, 2. Greek, b.	Gymnasium, 3.	Gymnasium, 4.
SATURDAY	Biology, 6. Polit. Econ., 2. French, 5. Latin, 2B Drawing.	Biology, German, Latin, French, Drawing.	Polit. Econ., 5. Chemistry, 2. Logic, B Greek, 5. Mathematics, 5. French, 2B Latin, 2A Drawing.	Chemistry, 2. Logic, A Drawing.	Drawing.	Drawing.	Drawing.	

TABULAR VIEW—THIRD TERM.

	8.00	9.00	10.00	11.00	2.00	3.00	4.00
MONDAY......	Biology, 7. French, 6. Mathematics, 3A	Biology, 7. English Lit., 6. Astronomy, 1. French, 3 A Mathematics, 3B	Government, 2. Botany, A French, 3 B Mineral, 1.	History, 6. Botany, B Greek, 6. Mathematics, 6.	English Lit., 3. Astronomy, 2. German, 3 D History, 3. Greek, 3 A Biology, 4.	Chemistry, 5. Astronomy, 2. Biology, 4. German, 3 C Greek, 3 B Greek, c.	Mineral, 2.
TUESDAY......	Philosophy, 3. Polit. Econ., 3. Astronomy, 1. Latin, 3 B Mathematics, 3A	Sociology. English Lit., 6. Latin, 3 A Mathematics, 3B	Biology, German, Latin,	Biology, 7. History, 6. Greek, 6. Mathematics, 6.	English Lit., 3. Astronomy, 2. Biology, 4. German, 3 D History, 3. Greek, 3 A	Chemistry, 5. Astronomy, 2. Biology, 4. German, 3 C Greek, 3 B Greek, c.	Mineral, 2.
WEDNESDAY.	Philosophy, 3. French, 6. Latin, 3 B Elocution, 2 A Drawing.	Sociology. English Lit., 6. Biology, 1 A Latin, 3 A Elocution, 2 B Drawing.	Government, 2. Botany, A and B Mineral, 1. Drawing.	History, 6. Botany, B Latin, 6. Drawing.	Drawing.	Drawing.	German, Drawing. / 9.
THURSDAY...	Philosophy, 3. Polit. Econ., 3. French, 6. Mathematics, 3A	Sociology. German, 3. Astronomy, 3. French, 6. Latin, 1. Mathematics, 3 A Mathematics, 3B	Botany, A French, 3 B Mineral, 1.	Government, 2. Botany, B Greek, 6. Mathematics, 6. Mineral, 1.	English Lit., 3. Astronomy, 2. Biology, 4. German, 3 D History, 3. Greek, 3 A	Chemistry, 5. Astronomy, 2. Biology, 4. German, 3 C Greek, 3 B Greek, c.	Mineral, 2.
FRIDAY......	Philosophy, 3. Polit. Econ., 3. Astronomy, 1. Latin, 3 B Mathematics, 3A	Government, 2. English Lit., 6. Latin, 3 A Mathematics, 3B	Biology, 7. German, 6. Latin, 6.	Biology, 7. History, 6. Greek, 6. Mathematics, 6.	English Lit., 3. Astronomy, 2. Biology, 4. German, 3 D History, 3. Greek, 3 A	Chemistry, 5. Astronomy, 2. Biology, 4. German, 3 C Greek, 3 B Greek, c.	Mineral, 2.
SATURDAY ...	Biology, 7. Polit. Econ., 3. French, 6. Latin, 3 B Drawing.	Biology, 7. German, 6. Botany, A French, 3 A Latin, 3 B Drawing.	Sociology. Botany, A and B French, 3 A Mineral, 1. Drawing.	Botany, B Latin, 6. Mineral, 1. Drawing.	Drawing.	Drawing.	Drawing.

ADMINISTRATION OF THE COLLEGE.

GOVERNMENT.

In all matters pertaining to the good order of the college, and the relations of the students to one another, the students govern themselves through a Jury.

The Jury consists of undergraduate students in good and regular standing, and is chosen as follows: each of the four classes elects one member; each chartered chapter of an intercollegiate Fraternity of three or more years' standing in the college elects one member; and all who do not belong to any such Fraternity elect one member.

The Jury have absolute and final jurisdiction over all cases of public disorder and all offenses committed by students against each other. The Faculty have jurisdiction over conduct during college exercises, conduct toward college officers, damage to college buildings, and all matters of personal morality which affect primarily the character and reputation of individual students.

RELIGIOUS EXERCISES.

The students are required to attend devotional exercises, consisting of the reading of Scripture, singing, and prayer, held in the College Chapel every week-day morning, and a brief service, including an address by the President, on Sunday afternoon. Every student is also required to attend the exercises of public worship on the Sabbath, at one of the churches in Brunswick.

Prayer-meetings, under the direction of the Young Men's Christian Association, a religious organization of the students, are held on Thursday evenings, and other meetings on Sunday, to which all members of the College are cordially invited.

TERMS AND VACATIONS.

The Academic Year is divided into three terms, a fall term of fourteen weeks, a winter term of thirteen weeks, and a spring term

of ten weeks. The holiday vacation of two weeks follows the first term, a spring recess of a week follows the second term, and the summer vacation of eleven weeks follows Commencement week. Each term begins on a Tuesday morning and ends on a Friday afternoon. Commencement Day is the fourth Thursday of June.

ABSENCE FROM COLLEGE.

It is of the utmost importance that students be present at College every day of term time, and only an absolute necessity should warrant absence. When pecuniary necessity makes it unavoidable, students may, upon seasonable petition and by vote of the Faculty, have leave of absence during a portion of term time, when actually engaged in teaching or in literary or scientific pursuits.

DEGREE OF MASTER OF ARTS.

The degree of Master of Arts is conferred upon those graduates of the College who, after taking the Bachelor's degree, shall complete an approved course of advanced study equivalent to one year's graduate work, and shall pass with credit a written and oral examination on the same. Application for the degree must be made to the Faculty not later than the first of April in the year in which the candidate presents himself for examination.

MEDICAL ATTENDANCE.

A fund of $1,000, given by Mr. and Mrs. George F. Godfrey of Bangor, in memory of their son, Henry Prentiss Godfrey, is devoted to providing medical attendance for students who may be sick while in College.

COLLEGE BUILDINGS.

The college buildings, eleven in number, are grouped upon a spacious campus of forty acres, that is situated a mile south of the falls of the Androscoggin and within five minutes' walk of the railroad station at Brunswick. They are connected with the water and sewerage system of the town.

MARY FRANCES SEARLES SCIENCE BUILDING.

Instruction in the various branches of natural science is now given in this building. It contains lecture rooms and laboratories of ample size, fitted with all the conveniences which experience has shown to be desirable.

The building is on the western side of the College Campus, north of the Walker Art Building. Its general plan is a main building about one hundred and eighty feet long and forty-five feet wide, with two wings projecting from the western side of each end, each about sixty feet long and forty-five feet wide. It is three stories in height besides a high, well-lighted basement. The general style of architecture is Elizabethan. The exterior is of Perth Amboy brick, trimmed with Ohio stone. There is very little lath and plaster in the building, and in general little wood used in its construction. This makes it practically fire-proof. It is heated, lighted, and ventilated in the most perfect manner.

WALKER ART BUILDING.

By the will of the Hon. JAMES BOWDOIN, the College in 1811 came into possession of his collection made in Europe, of about one hundred paintings and one hundred and fifty original drawings by old and modern masters. To these paintings have since been added the collection of Col. GEORGE W. BOYD (Class of 1810) and many other valuable gifts. They are exhibited in the Walker Art Building.

This building, erected by the Misses Walker of Waltham, Mass., as a memorial of their uncle, the late THEOPHILUS WHEELER WALKER, was dedicated June 7, 1894. It was designed by Messrs. McKim, Mead and White, of New York. It is rectangular in form, one hundred feet in length by seventy-three in width, and is located on the front of the campus, facing Appleton Hall. The height from the grade line to the cornice is thirty-three feet. The central portion of the structure is surmounted by a dome covered with copper, the top of which is fifty-three feet from the ground. The materials used are Freeport granite, for the base-course; Indiana limestone, for the middle portion of the facade, the pedestals, quoins, and architraves, and selected brick of a dark color for the remainder of the walls.

The main entrance consists of a loggia, in front of which and supporting the wall above, are six carved Ionic columns of limestone. In the wall over these and upon either side of the central arch is a circular niche. Niches, also, are located at the ends of the loggia for statuary. In the rear of the loggia, and occupying the central portion of the building, is the Sculpture Hall, twenty-nine by forty-two feet. The floor is composed of brick and stone laid in pattern. The four tympana under the dome, each twenty-six feet in width, are filled with four paintings, symbolizing the artistic achievements of Athens, Rome, Florence, and Venice, executed by Messrs. John LaFarge, Elihu Vedder, Abbott Thayer, and Kenyon Cox, respectively. Light is admitted through a skylight at the top of the dome, forty-seven feet above the floor.

Leading from the Sculpture Hall are the various galleries. At the left, occupying the entire wing upon that side and containing the Boyd paintings and others of later acquisition, the fine and extensive collection of Japanese and Chinese works of art, loaned to the College by Professor W. A. Houghton, and the Virginia Dox collection of rare and valuable objects of native American art, is the Boyd Gallery, twenty-five by fifty feet. At the right is the Bowdoin Gallery, which is of the same size, and contains the James Bowdoin paintings and drawings, the nucleus of the College collections. At the rear of the hall is the Sophia Wheeler Walker Gallery, twenty by forty feet. This room contains choice specimens of ancient glass, Roman sculpture, old Flemish tapestry,

oriental ivory carvings, modern paintings of artists of the foremost rank, the bronze relief portrait of Theophilus W. Walker, Esq., by French, all given by the Misses Walker. All the galleries are finished throughout in oak. The walls and ceilings are of plaster. Ample light is received from above through large sky-lights. In the basement are the lecture hall, the Assyrian sculpture room, curator's and students' rooms, beside the boiler-room, lavatory, and coal cellars. The basement is finished in ash.

The building is entirely fire-proof, lighted throughout by electricity, heated by indirect steam, and provided with a thorough system of ventilation. It is open about four hours daily.

CLEAVELAND CABINET.

The upper portion of Massachusetts Hall, converted into a Cabinet of Natural History, through the liberality of the Hon. PELEG WHITMAN CHANDLER of Boston (Class of 1834), and named the *Cleaveland Cabinet*, in memory of Professor PARKER CLEAVELAND, contains the various collections illustrating Natural History which belong to the College. These collections, to some of which accessions are constantly made, are the following:

The Museum of the First Geological Survey of Maine.

The Cleaveland and Haüy Collections of Minerals.

The Mineralogical and Geological Collections of the late Mrs. FREDERICK ALLEN of Gardiner, Me.

The Caleb Strong Whitman Collection of Minerals.

The Shattuck Conchological Collection.

The Storer Conchological Collection.

The Cushman Ornithological Collection.

The Fish Collection of Lepidoptera.

The Blake and the Cleaveland Herbariums.

THE OBSERVATORY.

The Astronomical Observatory, for which the College is mainly indebted to the late JOHN J. TAYLOR of Fairbury, Ill., is well adapted for purposes of instruction. It is supplied with a six-inch telescope, and a transit instrument with the usual accessories for meridian observations.

THE ATHLETIC FIELD.

The Athletic Field, recently completed, is conveniently situated at a short distance from the Sargent Gymnasium. The field is five acres in extent and is well adapted for base-ball, foot-ball, and track athletics.

THE LIBRARY.

The College Library occupies Banister Hall, in the east end of the Chapel, and the two spacious wings adjacent. It contains fifty-eight thousand volumes. A rapidly increasing proportion of these have been purchased to aid instruction by supplying both teachers and students with the latest books and leading periodicals in the various departments of the curriculum. Attention is also directed towards the building up of a complete and attractive library of general reference, in which the literature of the day is given its proper place, and which shall serve as an active agent in the attainment of liberal culture.

A minute classification and arrangement of the books by subjects has been made, and free access to the shelves is granted to all. The librarian, with his assistants, is always ready to lend personal aid to inquirers. During term time the library is open ten hours every day except Sunday. Students are allowed to borrow three books at a time, and retain them, if needed, four weeks. The privileges of the library are extended, as a matter of course, to all graduates and the clergymen of the vicinage, and also to any person on recommendation of the Library Committee.

Annual accessions, which have averaged of late two thousand volumes, are made to the library by an appropriation of the Boards for the purpose, and from the proceeds of funds contributed by Rev. Elias Bond, D.D., John L. Sibley, A.M., Hon. Samuel H. Ayer, Dr. R. W. Wood, Mrs. John C. Dodge, Henry J. Furber, Esq., and Capt. John Patten.

The Medical Library of 4,000 volumes is deposited in the Seth Adams Hall, which contains the lecture rooms and offices of the Medical Department.

D

COLLEGE EXPENSES.

Term bills, containing college charges, are mailed to the parent and guardian of each student at the close of each term, and become payable at once. No degrees are conferred upon students who have not paid their dues to the College.

The following table exhibits three scales of annual expenditure, omitting clothing, washing, travelling expenses, and board during the vacations:

	Lowest.	Average.	Liberal.
Tuition,	$75.00	$75.00	$75.00
Incidental college charges,	8.00	15.00	25.00
Room rent (two persons sharing one room),	25.00	35.00	45.00
Heating and lighting, " "	15.00	25.00	30.00
Furniture, " "	10.00	15.00	25.00
Board, thirty-six weeks,	108.00	135.00	180.00
Books and stationery,	11.00	20.00	40.00
Class dues, societies, subscriptions, etc.,	8.00	20.00	40.00
	$260.00	$340.00	$460.00

The rent of college rooms in Appleton, Maine, and Winthrop Halls, including heat, is as follows:

Rooms on first and third floors,	$102.00
Rooms on second floor,	108.00
Rooms on fourth floor,	72.00

Except Nos. 1, 17, and 18 Winthrop Hall, which rent for $96, and No. 4, which rents for $120.

SCHOLARSHIPS AND PRIZES.

The income of one hundred thousand dollars is devoted to scholarships in aid of meritorious students of slender means.

Applications for scholarships must be made upon blank forms furnished at the office of the Treasurer of the College. They must be made out anew each year; signed by both the student and his parent or guardian; and deposited in the Treasurer's office before November 1st.

Brown Memorial Scholarships.—A fund for the support of four scholarships in Bowdoin College, given by the late Hon. J. B. BROWN of Portland, in memory of his son, JAMES OLCOTT BROWN, A.M., of the Class of 1856.

According to the provisions of this foundation, there will be paid the income of one thousand dollars annually to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year.

Smyth Scholarship.—A fund of $5,000, the gift of HENRY J. FURBER, Esq., of Chicago, named by him in honor of the late Professor WILLIAM SMYTH. The income at six per cent. is given to that student in each Sophomore class who obtains the highest rank in the mathematical studies of the first two years. The rank is determined mainly by the daily recitations; but the Faculty may at their discretion order a special examination, the result of which will be combined with the recitation rank. The successful candidate receives $100 at the time the award is made. The remaining $200 are paid to him in installments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the next in rank secures the benefit of the scholarship for the remainder of the time.

Shepley Scholarship.—A fund of $1,000, given by Hon. ETHER SHEPLEY, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine.

Mary L. Savage Memorial Scholarship. — A scholarship of $1,000, founded by Rev. WILLIAM T. SAVAGE, D.D., of Quincy, Ill., in memory of his wife, MARY L. SAVAGE.

Benjamin Delano Scholarship. — A scholarship of $1,000, bequeathed by Captain BENJAMIN DELANO of Bath.

And Emerson Scholarships. — A fund amounting at present to $6,600, given by the late AND EMERSON, Esq., of Boston, through Rev. Dr. E. B. WEBB.

Stephen Sewall Scholarship. — A scholarship of $1,000, given by Deacon STEPHEN SEWALL of Winthrop.

The income of these five scholarships is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

John C. Dodge Scholarship. — A fund of $1,000, given by the late Hon. JOHN C. DODGE, LL.D.

Alfred Johnson Scholarships. — Three scholarships of $1,000 each, founded by ALFRED JOHNSON of Belfast, in memory of his grandfather, Rev. ALFRED JOHNSON, and of his father, Hon. ALFRED JOHNSON.

William Sewall Scholarship. — A scholarship of $1,000, founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq.

Mary Cleaves Scholarship. — Three scholarships of $1,000 each, founded by the will of Miss MARY CLEAVES.

Cram Memorial Scholarship. — A scholarship of $1,000, founded by Hon. MARSHALL CRAM of Brunswick, in memory of his son, NELSON PERLEY CRAM, of the Class of 1861, who lost his life in the service of his country.

James Means Scholarship. — A scholarship of $2,000, given by WILLIAM G. MEANS, Esq., of Andover, Mass., in memory of his brother, Rev. JAMES MEANS (Class of 1833), who died in the service of his country.

Charles Dummer Scholarships. — A fund of $6,000, given by Mrs. ALMIRA C. DUMMER, in memory of her husband, CHARLES DUMMER, A.M., who was for many years a member of the Board of Overseers.

W. W. Thomas Scholarships.—Six scholarships of $1,000 each, founded by the late Hon. W. W. Thomas of Portland, to be awarded under certain conditions.

Buxton Scholarship.—A fund at present amounting to $2,500, contributed by Cyrus Woodman, Esq., of Cambridge, Mass., in aid of deserving students, preference being given to natives and residents of Buxton.

Pierce Scholarship.—A scholarship of $1,000, bequeathed by Mrs. Lydia Pierce of Brunswick, in memory of her son, Elias D. Pierce.

Blake Memorial Scholarships.—A fund of $4,000, bequeathed by Mrs. Noah Woods of Bangor, in memory of her son, William A. Blake, of the Class of 1873.

Huldah Whitmore Scholarships.—Two scholarships of $2,500 each, given by Hon. William Griswold Barrows, LL.D., of Brunswick, in memory of his wife, to be awarded by the President under certain conditions.

Nathaniel McLellan Whitmore Scholarship and George Sidney Whitmore Scholarship.—Two scholarships of $1,000 each, given by Mrs. Mary J. Whitmore, in memory of her sons, Nathaniel McLellan Whitmore of the Class of 1854, and George Sidney Whitmore of the Class of 1856.

George Franklin Bourne Scholarship.—A scholarship of $1,000, given by Mrs. Narcissa Sewall Bourne of Winthrop.

Lockwood Scholarship.—A scholarship of $1,000, established in memory of Hon. Amos DeForest Lockwood, a former treasurer of the College.

William Little Gerrish Scholarship.—A scholarship of $1,000, given by Dr. F. H. Gerrish, in memory of his brother, William Little Gerrish, of the Class of 1864.

Lawrence Scholarships.—A fund of $6,000, given by Mrs. Amos Lawrence of Massachusetts, the income to be annually appropriated for the whole or a part of the tuition of meritorious students in Bowdoin College who may need pecuniary assistance, preference being given to those who shall enter the College from Lawrence Academy, at Groton, Mass.

G. W. Field Scholarships.—Two scholarships of $2,000 each, given by Rev. GEORGE W. FIELD, D.D., of Bangor (Class of 1837), the income of which is to go to students or graduates of the Bangor Theological Seminary who become students of this College.

Justus Charles Fund.—A fund of $8,000, established by the will of JUSTUS CHARLES of Fryeburg, for such indigent students as, in the opinion of the President, are most meritorious, deserving, and needy.

Moses R. Ludwig Scholarship and Albert F. Thomas Scholarship.—Founded by Mrs. HANNAH C. LUDWIG of Thomaston. (These two scholarships are not at present available.)

Joseph N. Fiske Scholarship.—A scholarship of $1,000, given by Mrs. CHARLOTTE M. FISKE of Boston, in memory of her husband.

Crosby Stuart Noyes Scholarships.—Two scholarships of $2,000 each, established by CROSBY S. NOYES, A.M., of Washington, D. C. In awarding these, preference is to be given to natives or residents of Minot.

Henry T. Cheever Scholarship.—A scholarship of $500, given by Rev. Henry T. Cheever, D.D., of Worcester, Mass., to be awarded by the President under certain conditions.

PRIZES.

English Composition Prizes.—The sum of Thirty Dollars is annually given in prizes to members of the Senior Class for excellence in English Composition.

Junior Declamation Prize.—Prizes amounting to Thirty Dollars are given to members of the Junior Class for excellence in Oratory at their annual Prize Declamation.

Sewall Premium.—Prizes amounting to Ten Dollars are awarded to members of the Sophomore Class for excellence in Oratory at their annual Prize Declamation.

Brown Composition Prizes.—Two Prizes, one of Thirty Dollars and one of Twenty Dollars, given in memory of the late PHILIP HENRY BROWN, Esq., of Portland (Class of 1851), are offered to the Senior Class for excellence in extemporaneous English Composition.

Sewall Greek Prize.—A Prize of Twenty-five Dollars, given by Professor JOTHAM BRADBURY SEWALL (Class of 1848) of Boston, formerly Professor of Greek in the College, is awarded to the member of the Sophomore Class who sustains the best examination in Greek.

Sewall Latin Prize.—A Prize of Twenty-five Dollars, also given by Professor SEWALL, is awarded to the member of the Sophomore Class who sustains the best examination in Latin.

Goodwin Commencement Prize.—A Prize of Fifty Dollars, given by the late Rev. Dr. DANIEL RAYNES GOODWIN of Philadelphia (Class of 1832), is awarded each year to the author of the best Commencement Part.

Class of 1868 Prize.—A Prize of Forty Dollars, contributed by the Class of 1868, is given annually to the author of the best written and spoken oration in the Senior Class.

Pray English Prize.—A Prize of Fifty Dollars, given by the late Dr. THOMAS J. W. PRAY of Dover, N. H. (Class of 1844), is awarded each year to the best scholar in English Literature and original English Composition.

Goodwin French Prize.—A Prize of Twenty-five Dollars, given by the late Rev. Dr. DANIEL RAYNES GOODWIN, is awarded annually to the best scholar in French.

Noyes Political Economy Prize.—This prize, consisting of the annual income of one thousand dollars, was established by CROSBY STUART NOYES, A.M., and is awarded to the best scholar in Political Economy.

MEDICAL FACULTY.

Rev. WILLIAM DeWITT HYDE, D.D., LL.D., President.

ISRAEL THORNDIKE DANA, A.M., M.D.

ALFRED MITCHELL, A.M., M.D., Dean.

STEPHEN HOLMES WEEKS, A.M., M.D.

CHARLES OLIVER HUNT, A.M., M.D.

Hon. LUCILIUS ALONZO EMERY, LL.D.

FREDERIC HENRY GERRISH, A.M., M.D.

CHARLES AUGUSTUS RING, A.M., M.D.

FRANKLIN CLEMENT ROBINSON, A.M.

ALBERT ROSCOE MOULTON, M.D.

CHARLES DENNISON SMITH, A.M., M.D.

ADDISON SANFORD THAYER, A.B., M.D.

JOHN FRANKLIN THOMPSON, A.M., M.D.

WILLIS BRYANT MOULTON, M.D.

FRANK NATHANIEL WHITTIER, A.M., M.D.

HENRY HERBERT BROCK, A.B., M.D.

ALFRED KING, A.B., M.D.

EDWARD JAMES McDONOUGH, A.B., M.D.

GEORGE THOMAS LITTLE, Litt.D., Librarian.

RANDALL DOYLE BIBBER, M.D.,

JACOB LYMAN HORR, M.D.,

Visitors from Maine Medical Association.

MEDICAL SCHOOL OF MAINE.

THE MEDICAL SCHOOL OF MAINE, by an act of the Legislature, is placed under the superintendence and direction of the Boards of Trustees and Overseers of Bowdoin College. By their joint authority all degrees of M.D. are conferred.

The seventy-ninth Course of Lectures will begin January 5, 1899, and continue twenty-four weeks, ending June 21st. The introductory lecture will be delivered at 3 o'clock P.M., by Professor Charles A. Ring.

MEANS OF INSTRUCTION.

The Anatomical Museum is supplied with a valuable collection of casts, models, and dry and wet specimens which are constantly used in the anatomical and other exercises.

The Chemical Department possesses every article of apparatus essential to complete illustration of the principles of Chemistry. The laboratories in the Mary F. S. Searles Science Building furnish unsurpassed advantages for special courses in analytical chemistry, urinary analysis, and toxicology. These courses are compulsory. They will immediately follow work in the dissecting room.

Instruction in Normal and Pathological Histology is afforded without extra charge. A short course of lectures upon Microscopy will be given by the Demonstrator of Histology. Students owning microscopes are requested to bring them for use in their classes.

Students are advised to prepare for their anatomical and physiological studies by the dissection of the cat, dog, rabbit, and frog, using Wilder & Gage's Anatomical Technology, Foster & Langley's Practical Physiology, or Huxley & Martin's Biology.

The anatomical law furnishes a large amount of dissecting material, which is supplied to students at cost.

CLINICS.

The Surgical Clinic will be held every Saturday morning, beginning at a quarter past eight o'clock and closing at quarter past eleven. The Medical Clinic will be held every Thursday morning, beginning at quarter past ten o'clock and closing at quarter past eleven. No medical cases will be received on Saturdays, and no surgical cases on Thursdays. All examinations in the presence of the class are made without charge. All surgical operations are gratuitously performed.

TERMS OF ADMISSION AND FEES.

It is desired that a literal interpretation shall be placed upon the stated requirements of the candidates for Matriculation, as hitherto there have been not infrequent examples of those who inquire if other conditions than those named will not serve in lieu of the examination. The same consideration is asked for the explicit conditions named as regulating the prepayment in cash of fees.

Candidates for Matriculation will be required to give evidence that they possess a good English Education, including a knowledge of English Composition, Natural Philosophy, Mathematics, and such a knowledge of Latin as is embraced in the ability to read at sight exercises similar to those found in Harkness's Latin Reader.

In preparing for the examination in natural philosophy or physics students should study some standard text-book such as Gage's "Elements of Physics," Trowbridge's "The New Physics," Dolbears's "First Principles of Natural Philosophy," Stone's "Experimental Physics." They will be expected to know the meaning of such terms as matter, force, energy, mass, volume, potential, kinetic, etc. They should know the general laws of motion, falling bodies, friction, gravitation, flow of liquids, pressure of the air, also the construction and use of thermometers and barometers, and the units of heat and work. In reference to sound, heat, light, and electricity, they should know the elementary facts, especially how they are produced, how they are transmitted, reflected, etc., which will involve a study of wave motions in different media. It is difficult to get a proper knowledge of these facts without experimental work, and it is expected that such work will be done.

The chemical knowledge required is similar in kind to the phys-
ical. Students should have performed the common experiments
given in such elementary text-books as Remsen's or Storer and
Lindsay. It is desirable also that they have had a course in
simple qualitative analysis. The chemical courses in the Medical
School are arranged on the supposition that elementary chemistry
has been practically studied in the preparatory schools.

The requirements in Mathematics include arithmetic, elemen-
tary algebra, and elementary geometry.

Those who are graduates of Colleges, Normal Schools, High
Schools, or have passed the entrance examination to any recog-
nized College, on presentation of their diplomas or matriculation
tickets, will be exempt from examination, providing that their
previous studies have included Latin and Chemistry to an extent
not less than herein prescribed. All without exception who have
not such diplomas or tickets will be required to pass the entrance
examination. The entrance examination for the first year and exam-
ination of those who have not already passed the required examina-
tions for entrance upon the second and third years, will begin at
nine o'clock Thursday morning, January 5th.

The fees for admission to the several Courses of Lectures
(payable strictly in advance, and by cash only), are $78 for first
and second courses, and $50 for the third course; matriculation
fee, payable each term, $5.

Pupils who have attended three full courses of medical lectures,
two of which have been in this school, are admitted to all subse-
quent courses without payment of any lecture fees.

Students who have attended two full courses at other regular
medical institutions are required to pay $50 for admission to their
first course of lectures at this school, in addition to the matricula-
tion fee.

A fee of five dollars shall be paid for final examination in each
department in which a student presents himself for examination
previously to the payment of his diploma fee.

The payment of five dollars includes the cost of examinations
of first and second years in Anatomy, Physiology, and Chemistry.
A nominal charge will be made to cover the cost of materials used
in the chemical laboratory. If a student fails to pass the exami-

nation in a given department in one year, he may be examined in a subsequent year in the same branch on payment of a fee of three dollars.

The total amount paid by a student in examination fees at five dollars each shall be credited on his diploma fee.   The graduation fee (which is not returnable), including the diploma, is $25.

No student will be allowed to attend any course of lectures in this school without the certificate of the Dean.   Members of the medical profession are cordially invited to attend the lectures at any time.

Graduates of other schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matricula-tion fee.   They are not eligible for a degree from this school without attending a full course of lectures immediately preceding the examination for such a degree.

EXAMINATIONS AND GRADUATION.

Students, and particularly candidates for graduation, will be examined at least twice each week in each department by its Professor.

The following regulations are provided in the departments of Anatomy, Physiology, Chemistry, and Obstetrics, these regulations not applying in whole to those who have previously attended two or more courses of lectures.

ANATOMY.

At the end of their first year in the school, students will be examined in histology, the anatomy of the skeleton and the viscera.

At the end of the second year students will be examined in the remainder of descriptive anatomy and in topographical anatomy. Two parts must have been satisfactorily dissected and demonstrated and two full years of medical study completed before admission to the second year examination.   A part of the hours previously occupied with lectures will be devoted to text-book recitations.

PHYSIOLOGY.

At the end of the first year of study every student shall be examined in Physiology upon the functions of nutrition and repro-

duction, and if he presents a certificate of having completed two full years of medical study or of having pursued approved courses in this branch in a reputable college or technical school, he may also be examined upon the functions of relation.

At the end of the second year of study every student shall be examined upon the functions of relation unless he shall have passed the entire examination at the end of the first year.

A portion of the hours in this department also will be devoted to text-book recitations from Blakiston's edition of Kirkes's Physiology.

CHEMISTRY.

The chemical course extends through two years. In the first year lectures and recitations are held four hours in each week. In the second year the course consists of lectures and laboratory work in organic and medical Chemistry four hours in each week for one-half the term.

At the end of the first year each student shall be examined upon the Chemistry of the first year. If he presents a certificate of having completed two full years of medical study or of having pursued approved courses in Chemistry in a reputable college or technical school, he may also be examined in the Chemistry of the second year.

At the end of the second year each student shall be examined on the chemical study of the second year unless he shall have passed the entire chemical examination the first year.

A student who has pursued approved courses in Chemistry in a reputable college or technical school may pass an examination on the Chemistry of the first year at the beginning of the course.

OBSTETRICS.

Any student may also present himself for final examination in Obstetrics at the regularly appointed time for examination, providing he previously presents to the Dean satisfactory evidence that, at the close of the current term, he shall have completed at least two years of actual study and have attended two courses of lectures, the second of which must have been in this School. Recitations from a text-book will occupy a portion of the hours previously devoted to lectures.

Students will receive from the Dean certificates of successful passing of final examinations in the departments of Anatomy, Physiology, Chemistry, and Obstetrics.

Students failing to pass the examination in Anatomy, Physiology, and Chemistry will be granted a re-examination at the beginning of the succeeding term, but failure upon that occasion will compel a repetition of the first year's work.

At the beginning of the third year a re-examination also will be granted those who fail in the examinations of the second year. If failure again results in any or all of these departments, it will prevent one from entering the graduating class.

The examinations for the degree of Doctor of Medicine are held at the close of the course of lectures. Degrees will be conferred upon Wednesday morning, June 21st, after the usual graduating exercises.

The candidates must be twenty-one years of age, and must have devoted three years to their professional studies under the direction of a regular practitioner of medicine. They must have attended three full courses of lectures in some regular, incorporated medical institution, and the last course previous to examination must have been at this school. They must deposit with the Dean of the Faculty satisfactory certificates of good moral character, and of having pursued their medical studies for the required term. They must also pass a satisfactory written and oral examination in Anatomy, Physiology, Surgery, Chemistry, Pathology and Practice, Materia Medica, Obstetrics, Diseases of Women, Diseases of Children, and Medical Jurisprudence. They must also present a thesis on some medical subject, a fair copy of which must be deposited with the Dean of the Faculty at least ten days before the commencement of the examination at the close of the lectures. These copies are preserved in the medical library.

In accordance with a recent vote of the Faculty, it is hereby announced that four years of medical study will be required of all candidates for graduation entering in 1900 and thereafter.

MEDICAL STUDENTS.

THIRD YEAR (GRADUATES OF 1898).

NAME.	RESIDENCE.	PRECEPTOR.
Edville Gerhardt Abbott,	West Sullivan,	S. C. Gordon, W. L. Cousins, & P. S. M. I.
Herbert Allen Black,	Waterville,	B. E. Lamb.
Bertram Lewis Bryant, A.M.,	Lowell, Mass.,	Charles D. Smith.
Charles Harvey Burgess,	Bangor,	P. S. M. I.
Charles Sumner Christie, A.B.,	St. Albans,	Charles S. Knight, John C. Blake.
Samuel Wright Crittenden,	Osway, Pa.,	W. H. Turner.
Edward Phillips Day,	Bethlehem, N. H.,	H. A. Hildreth.
James Henry Dixon,	Portsmouth, N. H.,	Fred S. Towle.
James Winfield Doughty,	Brunswick,	C. H. Cumston & Boston City Hospital.
Henry Libby Elliot,	Thomaston,	J. E. Walker & P. S. M. I.
Jerome Perley Fickett,	Dorchester, Mass.,	F. W. Morse & Maine General Hospital.
John Joseph Gailey,	Watertown, Mass.,	A. D. Variell & P. S. M. I.
Lorenzo Walter Hadley, Ph.B.,	Frankfort,	O. S. Erskine.
Harry Herbert Hammond,	Van Buren,	G. C. Upham.
Justus Greeley Hanson,	Augusta,	W. Johnson.

Harry Eastman Hitchcock, *Farmington*, M. Q. H. & P. S. M. I.

John William Joyce, *Lewiston*, J. A. Leader &
 A. M. F. Leader.

Walter Scott Abbott Kimball, A.B., *Portland*, T. P. Smith &
 P. S. M. I.

Philip Prescott Lewis, *South Berwick*, E. D. Jaynes &
 Maine General Hospital.

Frank Pierce Malone, *Portland*, P. S. M. I.

Thomas Henry McDonough, *Winterport*, O. B. Erskine &
 H. S. Webber.

Sumner Bradford Marshall, *Bar Mills, Buxton*, A. H. Weeks &
 C. A. Dennett.

Byron Wesley McKeen, *Fryeburg*, Elmer J. Noyes.

Alfred Mitchell, Jr., A.B., *Brunswick*, S. H. Weeks,
 A. Mitchell, & P. S. M. I.

Joseph Michael O'Connor, *Biddeford*, P. S. M. I.

Lewis Franklin Soule, A.B., *Phillips*, C. L. Toothaker &
 P. S. M. I.

Joseph Franklin Starrett, *Warren*, J. M. Wakefield &
 P. S. M. I.

Elbridge Gerry Allen Stetson, *Brunswick*, C. E. Lancaster &
 P. S. M. I.

Benjamin Franklin Sturgis, Jr., *Auburn*, Benj. F. Sturgis.

George Edward Washburn, *Augusta*, H. J. Frederick.

Charles Jewett Watson, *Portland*, P. S. M. I.

Claude Ryder Wellington, *Albion*, F. E. Withee & P. S. M. I.

Clarendon Morton Whitney, *Unity*, J. C. Whitney &
 H. F. Benson.

Albert Isaiah York, *Wilton*, B. F. Makepeace.

SECOND YEAR.

NAME.	RESIDENCE.	PRECEPTOR.
John Harold Bates, A.B.,	*West Sumner,*	A. Bessey.
Charles Nelson Bibber,	*Brunswick,*	C. Kendrick.
Frank Weeks Blair, A.B.,	*Boothbay Harbor,*	G. A. Gregory.
Joseph Perley Bodge,	*South Windham,*	B. F. Marshall.
Horatio Smith Card, A.M.,	*Woodfords,*	J. F. Thompson & P. S. M. I.
George Appleby Coombs,	*Brunswick,*	C. H. Cumston.
Fred Eugene Earle,	*Kent's Hill,*	W. A. Wright & P. S. M. I.
Norman John Gehring,	*Cleveland, Ohio,*	F. N. Whittier.
Oscar Edwin Hanscom, A.B.,	*Lebanon,*	L. O. Buzzell & G. R. Cole.
Henry Brown Hart,	*Portland,*	B. F. Dunn & P. S. M. I.
William Frank Hayward,	*Brockton, Mass.,*	A. L. Shirley.
Angus Gordon Hebb, A.B.,	*Gilead,*	J. Louville Bennett.
Francis Osman Hill,	*North Newburg,*	F. O. J. S. Hill.
Edward Curtis Hooper,	*Winslow,*	S. S. Debec & C. W. Abbott.
Hiram Lionel Horseman, A.B.,	*Princeton,*	G. F. Townsend.
Henry Willis Hurd,	*Goodwin's Mills,*	H. H. Brock & P. S. M. I.
Frank Hubert Jordan,	*Milton, N. H.,*	M. A. H. Hart.

E

Charles Henry Leach,	*China*,	G. J. Nelson.
Ara Brooks Libby, A.B.,	*Gardiner*,	C. Kendrick.
Albion Henry Little,	*Portland*,	P. S. M. I.
Howard Augustus Milliken,	*Surry*,	W. E. Emery & R. L. Grindle.
Herbert Eldridge Milliken,	*Surry*,	W. E. Emery.
William Hiram Mitchell,	*Brunswick*,	W. H. Harris.
Philip Lemont Pease,	*Corinna*,	F. L. Redman.
Lester Given Purinton, A.B.,	*West Bowdoin*,	G. W. Curtis.
Samuel Jackson Redman,	*Hampden*,	F. L. Redman.
Wallace Wilson Robinson, A.B.,	*East Deering*,	F. W. Mead, U. S. Marine Hospital.
Charles Cummings Rogers,	*Madison*,	D. S. Hunnewell & P. S. M. I.
George Herbert Rounds,	*East Baldwin*,	D. W. Rounds.
Richard Arthur Shields,	*Auburn*,	J. & A. Leader.
Ralph Dumphy Simons,	*Madison*,	D. S. Hunnewell & P. S. M. I.
George Eaton Simpson, A.B.,	*Alna*,	W. H. Parsons.
Ezra Byington Skolfield,	*Brunswick*,	A. Mitchell & P. S. M. I.
Fitz Elmer Small,	*Portland*,	P. S. M. I.
Robert Edward Soule, A.B.,	*Freeport*,	J. E. Gray.
Frederick Nathaniel Staples,	*Temple*,	A. G. Howard.
Gardiner Luther Sturdivant,	*Fryeburg*,	A. L. Shirley.

Albert Ham Sturtevant,   *Bath*, C. A. Packard, W. E. Rice.

John Budd Thompson, A.B.,   *Topsham*,   G. S. Machan.

Walter Eaton Tobie,   *Portland*,   A. King & P. S. M. I.

Daniel Webster Wentworth,   *North Berwick*, J. O. McCorrison.

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FIRST YEAR.

NAME.	RESIDENCE.	PRECEPTOR.
Roswell Frank Averill,	*Waterville*,	B. E. Lamb.
Willis Harry Baker,	*Portland*,	O. K. Yates.
Daniel Alden Barrell,	*Auburn*,	W. K. Oakes.
George Kenniston Blair,	*Boothbay Harbor*,	G. A. Gregory.
Percy Herbert Brigham,	*Boston, Mass.*,	C. E. Mace.
Herbert Manley Briry,	*Richmond Corner*,	J. W. Gilbert.
Harold Stanley Bryant,	*Brunswick*,	C. H. Cumston.
Charles Oscar Caswell, A.B.,	*Portland*,	D. W. Fellows & P. S. M. I.
John B. Clair, Jr.,	*Waterville*,	J. L. Fortier.
Ralph Harrison Clark, A.B.,	*Limerick*,	S. O. Clark.
Matthew George Earley Conlin,	*Spencer, Mass.*,	J. C. Austen.
Patrick Edward Conway,	*Hinsdale, N. H.*,	F. P. Conway.
Edson Selden Cummings,	*Lewiston*,	M. C. Wedgwood.

Philip Webb Davis, A.B.,	*Portland,*	G. H. Cummings.
Fred Wilbur Day,	*Gardiner,*	C. E. Lancaster.
Francis William Donahue,	*Portland,* J. B. O'Neil & P. S. M. I.	
Arthur Chapman Doten,	*Woodfords,*	A. P. Topliff & P. S. M. I.
Clarence Preble Doten,	*Portland,*	P. S. M. I.
Carl Roswell Doten,	*Portland,*	P. S. M. I.
Wallace Wadsworth Dyson,	*Portland,*	Aug. S. Thayer.
Winthrop Fillebrown,	*Boston, Mass.,*	C. D. Fillebrown & P. S. M. I.
Edman Payson Fish,	*Fairfield,*	W. E. Hanson.
Edward Emery Foster,	*Westbrook,*	F. W. Lamb.
Michael Francis Gallagher,	*Marlboro, Mass.,*	C. Kingsley.
Harry Everett Gribben, A.B.,	*Portland,*	P. S. M. I.
J. Lowell Grindle,	*Mt. Desert,*	R. L. Grindle.
Alfred William Haskell,	*Portland,*	J. F. Thompson.
Owen Berry Head,	*Denmark,*	J. T. Brown.
Frank Henry Hobbs,	*Watertown,*	W. J. Downs.
Percival Orison Hopkins,	*Frankfort,*	O. S. Erskine.
Guy Howard Hutchins,	*Auburn,*	J. Sturgis.
William Everett Jonah, B.A.,	*Eastport,*	J. M. Jonah.
James Aldrich King,	*Millville, Mass.,*	F. J. King.

James Webster Loughlin, *Brooklyn, N. Y.,* G. W. Blanchard.

Eugene Miller McCarty, *Woodfords,* A. V. Thompson &
P. S. M. I.

Henry Putnam Merrill, Jr., *Portland,* H. P. Merrill & P. S. M. I.

John Sewall Milliken, *Farmington,* E. B. Currier.

James Deering Nutting, Jr., *Hallowell,* J. D. Nutting.

Frederick Berchel Peabody, *Phillips,* E. B. Currier.

Charles Henry Phillips, *Beverly, Mass.,* C. A. Stetson,
Baltimore Med. School.

Edwin Francis Pratt, A.B., *Topsham,* C. E. Lancaster.

Nelson Oswell Price, *Havelock, N. B.,* F. A. Price.

James Scott, *Guysboro, N. S.*

Erwin Linwood Soule, *South Portland,* F. I. Brown.

Louville Marriner Stevens, *Auburn,* B. G. Cushman.

Henry Kingsbury Stinson, *Richmond,* W. E. Whitney.

Albert Fales Stuart, *Appleton,* S. P. Strickland.

Clinton Tewksbury Swett, *Greene,* H. H. Purington.

Harry Coulter Todd, B.A., *Calais,* J. M. Deacon.

Virgil Connor Totman, A.B., *Bar Mills,* C. A. Dennett &
A. H. Weeks.

Linton Edson Waldron, A.B., *Waterville,* F. C. Thayer &
P. S. M. I.

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APPOINTMENTS AND AWARDS.

COMMENCEMENT APPOINTMENTS, 1898.

William Witherle Lawrence.

Percival Proctor Baxter,
John Fessenden Dana,
Clarence Elery Eaton,
Francis Allan Hamlin,
Arthur LeRoy Hunt,
Thomas Littlefield Marble,
Eugene Thomas Minott.

Robert Robertson Morson,
Joseph Ernest Odiorne,
Dwight Richard Pennell,
Frank Herbert Swan,
Alfred Benson White,
Stephen Emerson Young,

Robert Willis Alexander,
Harlan Melville Bisbee,
John Wilbur Condon,
Herbert Nelson Gardner,
Guy Charles Howard,
Edward Hutchings,
Howard Rollin Ives,
Clarence Fairbanks Kendall,

Harry Clifford Knight,
Wendell Phillips McKown,
Charles Sumner Pettengill,
William Emerson Preble,
Clarence William Proctor,
Charles Cogswell Smith,
Edwin Ellis Spear,
Edwin Kimball Welch.

CLASS OF 1868 PRIZE SPEAKING.
CLASS OF 1898.

Percival Proctor Baxter,
John Wilbur Condon,
William Witherle Lawrence,

Thomas Littlefield Marble,
Robert Robertson Morson,
Frank Herbert Swan.

JUNIOR PRIZE DECLAMATION.
CLASS OF 1899.

Francis Wayland Briggs,
Lincoln Lewis Cleaves,
Archer Parris Cram,
Harold Fessenden Dana,
Frank Leslie Dutton,
Loton Drew Jennings,

Francis Lewis Lavertu,
Willis Bean Moulton,
Byron Strickland Philoon,
Winford Henry Smith,
Cony Sturgis,
William Lawton Thompson.

SOPHOMORE PRIZE DECLAMATION.
CLASS OF 1900.

Percy Andros Babb,

Harry Oliver Bacon,

Albro Leonard Burnell,

Robert Franklin Chapman,

Ernest Leon Jordan,

Frederick Crosby Lee,

Harry Clinton McCarty,

Islay Francis McCormick,

Henry Augustus Shorey, Jr.,

Francis Melville Sparks,

James Plaisted Webber,

Joseph Walker Whitney.

AWARDS IN 1898.

GOODWIN PRIZE—Robert Robinson Morson.

CLASS OF 1868 PRIZE—Thomas Littlefield Marble.

ENGLISH COMPOSITION PRIZES—William Witherle Lawrence, Frank Herbert Swan, first prizes; Oliver Dow Smith, Herbert Nelson Gardner, second prizes.

PRAY ENGLISH PRIZE—William Witherle Lawrence.

BROWN PRIZES FOR EXTEMPORANEOUS COMPOSITION—William Witherle Lawrence, first prize; Frank Herbert Swan, second prize.

JUNIOR DECLAMATION PRIZES—Frank Leslie Dutton, first prize; Lincoln Lewis Cleaves, second prize.

SOPHOMORE DECLAMATION PRIZES—Frederick Crosby Lee, first prize; Joseph Walker Whitney, second prize.

SEWALL LATIN PRIZE—Joseph Walker Whitney.

SEWALL GREEK PRIZE—Philip Mason Palmer.

GOODWIN FRENCH PRIZE—Ernest Thomas Smith.

NOYES POLITICAL ECONOMY PRIZE—Thomas Littlefield Marble.

SMYTH MATHEMATICAL SCHOLARSHIP—Drew Bert Hall, Samuel Pope Harris.

BROWN MEMORIAL SCHOLARSHIPS—William Witherle Lawrence, Class of 1898; Harold Fessenden Dana, Class of 1899; Joseph Walker Whitney, Class of 1900; Kenneth Charles Morton Sills, Class of 1901.

SUMMARY.

Medical School:

Third year, ...	34
Second year, ...	41
First year, ...	51
	—— 126

College:

Senior Class, ...	57
Junior Class, ...	57
Sophomore Class, ...	58
Freshman Class, ...	54
Special Students, ...	8
	—— 234
Total, ...	360

ABBREVIATIONS.

A. H., ...	Appleton Hall.
M. H., ...	Maine Hall.
W. H., ...	Winthrop Hall.
P. S. M. I., .	Portland School for Medical Instruction.

CALENDAR FOR 1898-99.

1898.
Sept. 13—First Term began, ... Tuesday.
Oct. 23—Sermon before Y. M. C. A., ... Sunday.
Nov. 24–27—Thanksgiving Recess, . . . Thursday to Sunday.
Dec. 15—Sophomore Prize Declamation, . . . Thursday.
Dec. 12–16—Examinations, ... Monday to Friday.

VACATION OF TWO WEEKS.
1899.
Jan. 3—Second Term begins, ... Tuesday.
Jan. 5—Medical Term begins, ... Thursday.
Jan. 26—Day of Prayer for Colleges, ... Thursday.
Feb. 16—Senior Prize Speaking, ... Thursday.
Feb. 22—Holiday (Washington's Birthday), . . Wednesday.
March 27–31—Examinations, ... Monday to Friday.

VACATION OF ONE WEEK.

April 11—Third Term begins, ... Tuesday.
June 5–8—Senior Examinations, . . Monday to Thursday.
June 9–10—Ivy and Field Days, . . Friday and Saturday.
June 12–16—Examinations, ... Monday to Friday.
June 18—Baccalaureate Sermon, ... Sunday.
June 19—Junior Prize Declamation, ... Monday.
June 20—Class Day, ... Tuesday.
June 21—Graduation Exercises of Medical School, . Wednesday.
June 22—Commencement Day, ... Thursday.
June 22—Annual Meeting of the Alumni, . . . Thursday.
June 23–24—Entrance Examinations, . . Friday and Saturday.

VACATION OF TWELVE WEEKS.

Sept. 18–19—Entrance Examinations, . Monday and Tuesday.
Sept. 19—First Term begins, ... Tuesday.

ALUMNI ASSOCIATIONS.

The General Association.
President, JAMES McKEEN, Esq.; *Vice-President*, FRANKLIN CONANT PAYSON, Esq.; *Secretary and Treasurer*, Mr. GEORGE T. LITTLE, Brunswick, Maine.

Association of Boston.
President, OLIVER CROCKER STEVENS, Esq.; *Secretary*, WILLIAM GARDNER REED, Esq., 10 Tremont Street, Boston, Mass.

Association of New York.
President, AUGUSTUS F. LIBBY, A.M.; *Secretary*, Dr. FREDERICK HENRY DILLINGHAM, 326 West 45th Street, New York City.

Association of Washington.
President, Hon. MELVILLE WESTON FULLER, LL.D.; *Secretary*, Mr. JAMES CHARLES STROUT, 124 E Street N. W., Washington, D. C.

Association of the Northwest.
President, LEANDER OTIS MERRIAM, A.M.; *Secretary*, JOHN O. P. WHEELWRIGHT, Esq., 420 Temple Court, Minneapolis, Minn.

Association of Portland.
President, Hon. JOSEPH W. SYMONDS, LL.D.; *Secretary*, HANNIBAL H. EMERY, Portland, Maine.

Association of Franklin County.
President, SAMUEL CLIFFORD BELCHER, Esq., A.M.; *Secretary*, Prof. GEO. COLBY PURINGTON, Farmington, Maine.

Association of Oxford County.
President, Hon. ENOCH FOSTER, A.M.; *Secretary*, Dr. FRANCIS HENRY PACKARD, West Paris, Maine.

Kennebec Alumni Association.
President, Hon. JAMES W. BRADBURY, LL.D.; *Secretary*, J. CLAIR MINOT.

ALUMNI RECORD.

It is desired to keep as full a record as possible of the residences, occupations, and public services of the alumni. Information is solicited in regard to these points, and also in regard to matters appropriate to the obituary record annually published by the College.

The Centennial edition of the General Catalogue, a neatly-bound octavo of 328 pages, with illustrations, will be mailed to any address on receipt of one dollar.

Communications should be addressed to the College Librarian.

PREPARATORY SCHOOLS.

The schools noticed on the following pages have been con-
stituted special Fitting Schools for Bowdoin College by the action
of their several Boards of Trustees, in concurrence with the
College Boards. They are annually examined by a representative
of the College. Upon his certificate and recommendation students
are admitted to the College without individual examination.

FRYEBURG ACADEMY,

Fryeburg, Me.

Incorporated February 9, 1792.

ERNEST ROLISTON WOODBURY, A.B., Principal.

This school, in the Western County of Oxford, with an honorable record of a century, and with a complete and competent Board of Instruction, offers three courses of study :

    I.   A College Preparatory Course, of four years.
    II. An Academic Course, of four years.
    III. An English and Normal Course, of four years.

EXPENSES.

Tuition.—The cost of Tuition is $7.00 per term.

Board.—The cost of Board is from $3.00 to $4.00 a week, including fuel, lights, and washing. Rooms in private houses may be obtained at from 30 to 50 cents a week. Board in clubs, if desired, at very cheap rates.

CALENDAR.

Fall Term of 14 weeks, began September 13, 1898.
Winter Term of 12 weeks, begins January 3, 1899.
Spring Term of 11 weeks, begins April 4, 1899.

Examiner appointed by the College for 1899.

Professor Henry Leland Chapman, D.D.

WASHINGTON ACADEMY,

East Machias, Me.

Incorporated March 7, 1792.

FRED OSSIAN SMALL, A.B., Principal.

This venerable Academy, situated in the Eastern County of Washington, with a generous endowment, and under the charge of experienced teachers, offers two courses of study:

    I.   A College Preparatory Course, of four years.

    II.   An English Scientific Course, of four years.

EXPENSES.

Tuition.—As the income of the endowment fund pays most of the expenses of the school, the tuition fee is only $4.00 a term, which covers all expenses.

Board.—The cost of board does not exceed $3.50 a week. Rooms can be obtained at reasonable rates by those who wish to board themselves.

CALENDAR.

Fall Term of 13 weeks, began September 5, 1898.

Winter Term of 13 weeks, begins December 12, 1898.

Spring Term of 13 weeks, begins March 20, 1899.

Examiner appointed by the College for 1899.

Professor Henry Crosby Emery, Ph.D.

LINCOLN ACADEMY,

Newcastle, Me.

Incorporated February 23, 1801.

GEORGE HOWARD LARRABEE, A.M., Principal.

This well-established school in the sea-board County of Lincoln, under the charge of competent teachers, offers three courses of study :

    I.   A College Preparatory Course, of four years.

    II.   An Academic Course, of four years.

    III.   An English and Business Course, of four years.

EXPENSES.

Tuition.—Fall and Spring Terms, $6.00 to $7.00 ; Winter and Summer Terms, $4.00 to $5.00.

Board.—Good board can be obtained at from $3.00 to $4.00 per week. Rooms for self-boarding may be secured at reasonable rates.

CALENDAR.

Fall Term of 11 weeks, began September 12, 1898.
Winter Term of 8 weeks, begins December 5, 1898.
Spring Term of 11 weeks, begins February 6, 1899.
Summer Term of 8 weeks, begins May 1, 1899.

Examiner appointed by the College for 1899 :

Professor Wilmot Brookings Mitchell.

THORNTON ACADEMY,

Saco, Me.

Incorporated February 16, 1811.

EDWIN PRESCOTT SAMPSON, A.M., Principal.

The object of the Academy is to furnish the elements of a solid education. It offers three full preparatory courses:

English or Scientific, Classical, Business.

The English Department is designed to prepare students for the higher technical and scientific schools.

The Classical Instruction is such as to prepare pupils for the entrance examinations of the highest American colleges.

The Business Course, while affording thorough training in English and scientific studies, offers, in addition, instruction in Commercial Arithmetic and Book-Keeping.

EXPENSES.

Tuition in each course is $10.00 a term, payable in advance. Those desiring to take special studies will be charged $5.00 a term for each study.

Good board can be obtained in the city at $3.00 to $6.00 a week.

CALENDAR.

Fall Term began September 12, 1898.
Winter Term begins January 2, 1899.
Spring Term begins April 3, 1899.
Fall Term begins September 11, 1899.

Examiner appointed by the College for 1899:

Professor George Taylor Files, Ph.D.